Amit Shivpratap Singh

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Summary

Certified Full Stack Developer & Cyber security Enthusiast With expertise in cutting-edge technologies such as NodeJS, React, Angular, and Laravel. I build secure, scalable, and user-friendly web applications while ensuring robust protection against cyber threats.

Education

Vasant Vihar English high School — Jun 2018 - Feb 2020
12th · Maharastra State Board · Maharashtra, Mumbai — 82

SRM University — Aug 2022 - Present
BTech CSE · Cybersecurity · Chennai, India — 9.33

Experience

NationTechPro — Nov 2024 - Jan 2025
Product Research Intern · Internship — Mumbai, India

Product Research Intern
NationTechPro | Nov 2024 - Jan 2025 | Remote

- Conducted in-depth research on product innovations and market trends.
- Worked closely with the product team to analyze and improve solutions.
- Gained exposure to industry best practices and research methodologies.
- Received a stipend of ₹ 6,000 per month.

L&T Technology Services — May 2024 - Aug 2024
Cybersecurity Analyst Intern · Internship — Chennai, India

Cybersecurity Analyst Intern
L&T Technology Services | May 2024 - Aug 2024 | Chennai

- Gained hands-on experience in cybersecurity operations and log analysis.
- Worked with tools like **Jira, Splunk, and Elasticsearch** for monitoring and analyzing security logs.
- Assisted in identifying security threats and improving incident response strategies.
- Developed reports and dashboards for better security visibility.

CodSoft — Feb 2024 - Apr 2024
Web Development Intern · Internship — Remote

Web Development Intern
CodSoft | Feb 2024 - Apr 2024 | Remote

- Developed and maintained web applications using modern frameworks and technologies.
- Gained hands-on experience in front-end and back-end development.
- Worked on real-world projects, enhancing coding skills and debugging techniques.
- Received a stipend of ₹ 12,000 per month.

Directorate Of Student Affairs , SRMIST — Oct 2022 - Nov 2023
Web Developer · JR. Web Developer · Internship — Chennai

fiverr — Nov 2021 - Oct 2024
Website Developer · Website Developer · Other — Mumbai, India

Projects

KairosEye: AI-powered API Monitoring and Anomaly Detection Jan 2025 - Apr 2025
Barclays Chennai Campus · Python, REST API, Machine Learning, Anomaly Detection, Predictive Analytics, Log Aggregation, Data Visualization, Alerting Systems, Distributed Systems, Dashboard Development, Real-Time Monitoring, API Analytics Full Stack Development

Developed an **AI-powered API Monitoring and Anomaly Detection System** for real-time monitoring across distributed environments. Implemented modules for anomaly detection in response times and error rates, predictive analytics for failure forecasting, and cross-environment log correlation. Built with Python, REST APIs, and integrated interactive dashboards for visualization. System architecture includes modular components for data collection, analysis, ML-based prediction, alerting, and storage.

HACKFUSION Jan 2025 - Mar 2025
SRM · Bash, OpenAI API, Kali Linux, Nmap, SQLMap, Metasploit, Hydra, Wireshark, Volatility, CLI Development, Cybersecurity, Ethical Hacking, Vulnerability Scanning, Forensics, Reverse Engineering Cybersecurity

Created HackFusion, an AI-enhanced cybersecurity toolkit leveraging ChatGPT API to deliver smart recommendations across various security modules. Covered everything from reconnaissance to forensics, with a strong focus on automation, ethical hacking, and real-time CLI interactions. comprehensive CLI-based cybersecurity toolkit for Kali Linux. Integrated modules for vulnerability scanning, information gathering, exploitation, and post-exploitation. Enhanced user interaction using the ChatGPT API for intelligent recommendations. Focused on automation, modularity, and real-world pentesting workflows.

MagicAI: AI-powered content generation SaaS platform Sep 2024 - Nov 2024
SRM University · Python, JavaScript, React, Node.js, Express, OpenAI API, SaaS Development, Content Generation, Stripe Integration, REST API, Authentication, MongoDB, Responsive UI, AI Automation, Cloud Hosting Full Stack Website Development

Built *MagicAI*, an AI-powered content generation SaaS platform designed to automate creation of high-quality content including blog posts, marketing copy, code snippets, and more. Integrated with OpenAI API for natural language processing. Developed a user-friendly frontend with authentication, subscription management, and real-time content editing. Focused on scalability, performance, and ease of use for creators and businesses.

AuditX: Smart Contract Audit System Jul 2024 - Aug 2024
NWC · HTML, CSS, JavaScript, PHP, Smart Contract Auditing, Web Security, Vulnerability Analysis, Report Generation, Dashboard Design, Blockchain Security, MySQL, Secure File Upload, Log Management Cybersecurity, Information Auditing

Developed *AuditX*, a web-based Smart Contract Audit System enabling users to securely upload smart contracts and receive detailed vulnerability assessments. Implemented secure client authentication, automated report generation, and a dashboard for managing audit logs. Built using HTML, CSS, JavaScript, and PHP, with a focus on web security and blockchain code analysis.

Awards

2nd Place — Nation Tech Pro Hackathon 2024 Oct 2024
SRM University · NationTechPro, hosted via Nation Infotech Platform

Awarded 2nd place in a global online hackathon hosted by NationTechPro, recognizing exceptional innovation, technical skills, and problem-solving ability. Developed a cutting-edge tech solution that stood out among numerous international participants for its creativity and impact.

HackNova 2024 Sep 2025
Devfolio, GyanDhan, Leap Scholar, GEEBEE Education · NSCC SRM, Department of Networking and Communications, School of Computing, SRMIST

Secured 3rd position in *HackNova*, an intensive 24-hour hackathon organized by the Newton School Coding Club (NSCC) at SRMIST. Recognized for delivering an innovative tech solution under time constraints, collaborating effectively in a team setting, and demonstrating strong problem-solving and development skills.

Certificate of Appreciation – MILAN'23 Mar 2023

MILAN'23 · Directorate of Student Affairs, SRM Institute of Science and Technology (SRMIST)

Recognized for exceptional contributions in the design and development of the official website for MILAN'23, SRM's National Cultural Fest. Demonstrated strong technical proficiency, creativity, and attention to detail while building a comprehensive digital platform with event listings, schedules, and an online ticketing system. Played a pivotal role in enabling an engaging, user-friendly experience for thousands of students and attendees. Collaborated with cross-functional teams, contributing to the project's successful execution and user impact.

Certifications

AWS Academy Graduate - AWS Academy Machine Learning Foundations Feb 2024 -

AWS Academy

- Completed 20+ hours of Machine Learning Foundations. Gained foundational knowledge in machine learning techniques and applications.

Connect and Protect: Networks and Network Security Oct 2024 -

Google

Mastered network security concepts. Learned to secure networks against cyber threats and protect data integrity.

Foundations of Cybersecurity Sep 2024 -

Google

Gained foundational knowledge in cybersecurity principles. Learned to protect systems and data from cyber threats.

Cloud Computing Fundamentals Jun 2025 -

IBM SkillsBuild

Completed cloud computing fundamentals course. Learned cloud computing concepts, services, and security.

Foundation of Cryptography Apr 2024 -

NPTEL (Funded by MoE, Govt. of India) · NPTEL23CS74S93573368

Achieved 82.3% in cryptography course. Learned cryptographic techniques and their applications in secure communication.

Foundations of Cybersecurity Sep 2024 -

Google

Gained foundational knowledge in cybersecurity principles. Learned to protect systems and data from cyber threats.

Ethical Hacker Course Feb 2025 -

Cisco Networking Academy

Acquired ethical hacking skills. Learned to identify vulnerabilities and secure systems against cyber attacks.

Volunteering

CENTINELS Clubs, SRM Aug 2023 - Jan 2025

Technical Team Lead · Led the development of web-based solutions

Technical Team Lead – CENTINELS Clubs, SRM
Aug 2023 – Present | Chennai, Tamil Nadu, India

- Spearhead innovative technology initiatives, leading a dynamic team in developing impactful solutions.
- Drive collaborative efforts in executing cutting-edge projects, enhancing operational efficiency.
- Mentor and guide team members, fostering a culture of continuous learning and innovation.

 Led the development of web-based solutions to streamline operations.
 Provided technical leadership across frontend and backend development.
 Managed end-to-end project execution, ensuring timely delivery and quality outcomes.

Directorate Of Student Affairs , SRMIST Jun 2022 - Oct 2024

Committee Member · Student Affairs & Management

- Developed and optimized backend infrastructure to support student-related services.
- Enhanced system performance and reliability through efficient database management and API integrations.
- Collaborated with cross-functional teams to deliver seamless web-based solutions.

Key Contributions:

 Improved backend efficiency, reducing system downtime.

 Designed and implemented scalable web services.

 Contributed to a structured and secure backend environment.

Competitions

Nation Tech Pro Hackathon 2024 | Link Oct 2024

2nd Place · NationTechPro

2nd Place - Nation Tech Pro Hackathon 2024

- Recognized for innovation, technical expertise, and problem-solving skills.
- Competed among global participants in a high-impact technology and innovation challenge.
- Organized by **NationTechPro**, held online from **October 20–23, 2024**.

Hack Nova Certification | Link Mar 2024

second · Hack Nova, SRM

I'm thrilled to announce that our team clinched the 3rd position.
At HackNova, an esteemed Hackathon organized by
Newton School Coding Club SRMIST.

HackNova was a 24-hour Hackathon hosted by NSCC SRM,
Department of Networking and Communications, School of Computing.
The event was held on 11th and 12th of March 2024 at SRMIST Chennai.

CODE FEST Codathon 2024 | Link

Runner · NSCC SRM

Competed in a two-round coding challenge organized by **NSCC SRM** and the **Department of Networking and Communications**.
Demonstrated problem-solving and algorithmic skills in a competitive environment.
Hosted at **SRM Institute of Science and Technology (SRMIST), Chennai**, on **August 1–2, 2024**.

Tests

JEE MAINS Apr 2025

DEPARTMENT OF HIGHER EDUCATION · 89

Achieved a high percentile in the Joint Entrance Examination (JEE) Mains, a competitive exam for admission to undergraduate engineering programs in India.

Extra Curricular Activities

Tech Team Leader May 2023 - Oct 2024

I serve as the Technical Team Lead at CENTINELS Clubs in SRM, steering a talented team towards impactful solutions.
Tech Visionary | Innovator | Problem Solver
Highlights:
Leadership Excellence: Orchestrating a dynamic team, I drive collaborative efforts in executing cutting-edge projects and initiatives.
Innovative Solutions: Spearheading the development of tech-driven solutions, transforming ideas into reality and enhancing operational efficiency.
Mentorship & Development.

Class Representative (CR) Jan 2024 - Sep 2026

Served as the liaison between students and faculty, facilitating communication and addressing student concerns. Organized class meetings, coordinated with school administration on academic and social events, and represented student interests in school decision-making processes. Developed strong leadership and teamwork skills.

Skills

undefined: HTML, CSS, PHP, WORDPRESS, AI DEVELOPEMENT, CSS5, REACT.JS, c, c++, ELK Search, Splunk, Jira, SQL, POWER BI, REACT JS, JAVA, KALI, LINUX

Languages

English [Professional Working Proficiency], Hindi [Native Proficiency], Marathi [Professional Working Proficiency], Punjabi [Limited Working Proficiency]

Links

Instagram, GitHub, LinkedIn, Dribbble, Behance