

GARV MITTAL

Software Developer

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Summary

A results-driven B.Tech CSE (IoT) student who has over 9 months of internship experience in frontend development and software engineering. Delivered responsive, scalable web solutions that improved user engagement and reduced load times by up to 30% during live projects. Skilled in collaborating with cross-functional teams, debugging critical issues, and optimizing workflows to enhance product performance. Recognized for expeditious learning, analytical problem-solving, and delivering results under tight deadlines. Passionate about building impactful products and growing into a software development engineer role to contribute to innovation-driven, high-performance projects.

Experience

SoftBlend Tech

Frontend Developer Intern

12/2024 - 06/2025

A company providing software development services with a focus on innovative solutions

- Applied SDLC methodology to integrate REST APIs, debug UI issues, and optimize performance by 20%
- Built dynamic, responsive UIs with React.js and integrated REST APIs for seamless data flow
- Led a team project to deliver a critical feature 2 weeks ahead of schedule, earning praise for efficiency
- Participated in code reviews and sprint planning, improving code quality by 25%
- Received a Letter of Recommendation for resolving critical UI bugs and accelerating feature delivery by 2 weeks during internship

Crinoid Technologies

Software Engineer Trainee

10/2024 - 12/2024

A technology company focusing on delivering software solutions across various domains

- Highlighted Core Java, APIs, testing, Agile teamwork, bug fixing
- Developed scalable web applications using React.js, following agile methodologies
- Collaborated with senior engineers to debug and optimize frontend performance, reducing load time by 30%
- Contributed to client projects, ensuring adherence to coding standards and deadlines
- Recognized with a completion certificate for exemplary dedication and technical growth

Education

SRM Institute of Science and Technology (SRMIST)

Chennai, T.N

B.Tech CSE with specialization in Internet of Things (7.35 CGPA) 6th SEM

2022 - 2026

Vanasthali Public Sr. Sec. School

Meerut, U.P

Class-XII (70.6%)

2021 - 2022

K. L. International School

Meerut, U.P

Class-X (71.2%)

2019 - 2020

Key Achievements

PENTATHON Hackstreet

Acquired 2nd position amongst Acme teams in PENTATHON Hackstreet 2.0 by CINTEL & Bajaj.

Build With India Hackathon Recognition

Build With India Hackathon (2024)—Elected among the top 5,000 teams out of 25,000 globally, recognized for innovation, teamwork, and technical excellence.

Coding Challenges Achievements

Completed over 250 coding challenges in C++/Java on major platforms.

Maths Olympiad Achievement

Secured First Rank in Maths Olympiad (Gold Medal)

Skills

Java • C/C++ • Python • JavaScript (ES6) • Node.js • HTML5 • CSS3 • React.js • Spring Boot • Bootstrap • Tailwind CSS • SDLC • Agile • Scrum • OOP • REST API • GraphQL • MySQL • MongoDB • Hibernate • Postman • JIRA • Visual Studio Code • Git • GitHub • Version Control • Application Security • Debugging • Unit Testing • Problem-Solving • Responsive UI Design • Cross-Browser Compatibility • API Integration • Data Structures • Data Analysis • Algorithms • Bash Scripting • AWS • Oracle Cloud • IoT • Raspberry Pi • Arduino • Figma • UI/UX • Wireframing • Tableau • Microsoft Office • Power BI • Stakeholder Collaboration • Communication • Performance Optimization • Teamwork • Analytical Thinking • Growth Mindset • Documentation Writing • Data Cleaning • Data Transformation • Google Workspace

Projects

AI Tool – Beta (Live Project)

A sleek, minimal AI playground built with Next.js and Vercel.

- Built and deployed an AI-powered web application using Next.js, Tailwind CSS, and Vercel to enable real-time AI chat and prompt testing

MemeShalaaaa

Fetches random memes from the Meme API -Auto-refreshes memes every 2 seconds.

- Technologies used include HTML, CSS, and JavaScript
- Exploited the fetch API for recuperating memes
- It is a simple web application that fetches and displays random memes using the Meme API

Smart Agricultural Robot (Agribot)

An IoT and software system project focused on improving agricultural practices.

- Designed and implemented a robot using Arduino & sensors for automated irrigation.
- Built a control interface with React.js for real-time monitoring.
- Applied SDLC principles, from requirements gathering to testing.
- Optimized system reliability by 20% via modular coding & debugging.

Heatblast Robot (Fire Extinguisher Bot)

A safety project designed to enhance fire safety through automation.

- Aimed at a robotic fire extinguisher proficient at detecting and repressing small flames independently
- Strengthened safety compliance for labs/industries by integrating flame sensors and autonomous navigation

Automatic Railway System

A prototype aimed at ensuring safety in railway operations.

- Assembled an automated railway crossing prototype leveraging IR sensors to detect train traverses
- Improved operational safety by eliminating human dependency, enabling real-time signal & barrier automation

Certification

Meta Front-End Developer Professional Certificate

Introduction to the Internet of Things and Embedded Systems

Oracle Cloud Infrastructure 2024 Certified Foundations Associate

AWS Academy Machine Learning Foundation

CISCO- Introduction to Cybersecurity

AWS Academy Graduate - AWS Academy Cloud Foundations

Mastering Algorithms: Analysis and Applications

Volunteer

Committee Head, Directorate of Student Affairs

Committee Head at the Directorate of Student Affairs, organizing events and activities for student engagement.

Committee Member, Directorate of Student Affairs

Participated in various events to enhance the student experience at University.

Volunteer, Aaruush

Ventured for Aaruush at the university, which was complex in organizing and managing the proceedings.