

Shashwat Verma

Roll No: 20BCS7532

Bachelor of Engineering

Chandigarh University, Chandigarh

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🌐 Shashwat Verma

EDUCATION

•Bachelor of Engineering in Computer Science and Engineering

2020-24

Chandigarh University, Chandigarh

SUMMARY

Full Stack Developer proficient in frontend and backend with expertise in React.js, Node.js and MongoDB, with hands-on experience in DevOps. Actively engaged in competitive coding and hackathons, delivering scalable and efficient solutions.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Java, Javascript, HTML+CSS

Frontend: JavaScript, React.js, Next.js, TypeScript

Backend: Node.js, Express.js, TypeScript

Databases: MongoDB, Relational Database(mySql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Machine Learning

Areas of Interest: Web Design and Development

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

EXPERIENCE

•Amazon

May - July 2024

Software Engineer

- Enhance coding skills in languages like Java, Python, C++, etc., and gain hands-on experience in developing scalable and efficient software.
- Participate in code reviews to improve code quality and understand different coding styles.
- Get familiar with AWS services such as EC2, S3, Lambda, etc.
- Use tools like Git, Jenkins, Docker, etc., for version control, continuous integration, and containerization.
- Gain experience working in Agile/Scrum teams.

•JM Mentorship Program

Jan 2024 - March 2024

Mentorship

Part-Time

- Personal Development.
- Professional Development.
- Career development in Tech industry.
- Communication Development.

•Planet Spark

Jul 2023 - Sep 2023

Teaching and Mentoring

Freelance

- Public Speaking.
- Effective Communication.
- Creating lesson plans.
- Course Development.
- Skill Development.

PROJECTS

•BAGGERS: An E-Commerce Website

TECH STACK: MongoDB, Express.js, React.js, Node.js, RESTful API, Thunder Client

- Designed an interactive and responsive user interface using React.js. Features included product pages, user authentication and a cart system.
- Developed a robust backend with Node.js and Express.js, including user authentication, database interactions, and RESTful APIs. Utilized MongoDB to design a database schema to store information.
- Developed an admin panel to facilitate product management. Enabled admin to add, update, delete products and manage inventory.

•Algorithmic Trading System

TECH STACK: Python, FYERS API Bridge, Websocket, Selenium WebDriver and Webdriver Manager.

- Designed trading algorithms using Python, Utilized the FYERS API Bridge to execute trades and retrieve market data in real-time.
- Employed Websocket to receive and process live market data, enabling the system to make informed trading decisions based on real-time information.
- Used Selenium WebDriver and WebDriver Manager for automated web interactions, such as logging into trading platforms and navigating through different sections.

•Machine Learning APP

TECH STACK: *Python Streamlit and Scikit-learn*

- Build an machine learning app to explore different classifiers and different datasets.
- Using Scikit Learn to implement different classifier like KNN, SVM and Random Forest on different datasets to check accuracy.
- Using Streamlit open source app framework to built ML APP.

•File Sharing Application

TECH STACK: *JavaScript, Node.js, WebSocket, HTML+CSS*

- Frontend development using HTML, CSS, and JavaScript, focusing on user experience.
- Backend implementation using Node.js to handle file transfers and the efficiency of file sharing process.
- Included real-time progress indicators for file uploads and downloads.
- WebSocket integration using Socket.io for ensuring instant communication and file sharing between users.

RESEARCH PROJECT

•Designing a Multimodal Voice Assistant Application

Published

TECH STACK:*Flutter, Dall-E, Chat-GPT*

IJSREM

In addition to my technical skills in Frontend, Backend and Databases, I bring a unique perspective from my involvement in a research project which is designing a multimodal voice assistant application with Flutter, ChatGPT and Dall-e . In this research project, I contributed in UI development and API development and integration. This experience not only enhanced my coding abilities but also taught me valuable lessons in teamwork and project management.

ACHIEVEMENTS

- HackaThon** CodeClash by IEEE TEAMS, VIT-VELLORE *Rank 12*
- HackaThon** DTCC Code-A-Thon (India, United States, Philippines) *Top 3*
- HackaThon** Adobe GenSolve *Finalist*
- HackaThon** Prodi-G Grad Programme Hackathon, PropertyGuru Group *Top Performer*
- HackerRank** Problem Solving,Python, C, C++ *5 Star*
- HackerEarth** Problem Solving *Elite Badge*
- LeetCode** Problem Solving, Python, C, C++ *100+ Question*

ACTIVITIES AND SOCIETIES

–Chandigarh University

- * **Technical Clubs:** Organized coding challenges and workshops in the Coding Club..
- * **Sports:** Represented the university in sports tournaments and promoted fitness.
- * **Event Organization:** Initiated and organized an Unstop event on animal safety. The event featured sessions on animal rights, workshops on animal care, and awareness campaigns.
- * **Community Service:** Taught coding to students and organized campaigns.
- * **Student Leadership:** Vice President of the Student Coding Society, leading tech initiatives
- * **Workshops:** Conducted workshops on JavaScript, REST API, and Python