Shubhangini Sharma

📞 +91 8580413725 ✉ shubhanginisharma67@gmail.com in LinkedIn ⌗ GitHub </> LeetCode

Education

M.Tech	*National Institute of Technology, Hamirpur • 2025–Present • CGPA: 8.73*
B.Tech	*Thapar Institute of Engineering and Technology, Patiala • 2023 • CGPA: 7.81*
12th Grade	*S.A.K.S. Govt. Senior Secondary School, HP Board • 2018 • 81%*
10th Grade	*Alpha Public High School, HP Board • 2016 • 87%*

Technical Skills

Tech Stack: React, Node.js, Express, React Native, Flutter, SwiftUI, Redux-Saga, Material UI
Languages: Java, JavaScript, TypeScript, C++, HTML, CSS
Data & ML: NumPy, Pandas, Scikit-learn, Keras, Matplotlib, FastAPI
Core CS: Data Structures and Algorithms, OOP, Operating Systems, DBMS, Computer Networks
Tools & Platforms: Git, GitHub, Docker, MongoDB, PostgreSQL, Postman, AWS, Azure
Concepts: REST APIs, MVC/MVVM, Agile Development, Debugging, Concurrency, Distributed Systems

Experience

HyperSrot Technologies Pvt. Ltd.   *SDE • Apr 2024 – Present*

- Designed and developed reusable, scalable React components, reducing development time for new features by 30%.
- Implemented fully responsive and cross-browser compatible user interfaces following modern frontend best practices.
- Contributed to Agile sprints and code reviews, boosting team delivery by 15%.

Persist Ventures   *App Developer • Aug 2023 – Apr 2024*

- Led end-to-end development of an iOS notes application using SwiftUI and CoreML with NLP-based sentiment analysis.
- Optimised memory usage and implemented lazy loading, reducing application crash rate by 40%.
- Developed a cross-platform Flutter application for AI-driven music generation and personalised playlist creation.

Gemini Solutions Pvt. Ltd.   *SDE Intern • Jul 2022 – Jan 2023*

- Built responsive and performant user interfaces using React and Angular, improving page load time by 30%.
- Optimised RESTful APIs in Express.js and improved database query performance, reducing latency by 20%.

Projects

AI Exam Prep Coach — Microsoft Imagine Cup 2026 — React, Node.js, Azure AI Foundry, GPT-5, REST APIs

- Built an AI-powered study assistant generating personalized, day-wise revision plans from syllabus data.
- Integrated GPT-5 via Azure AI Foundry to deliver adaptive explanations and guided learning.
- Delivered a full-stack MVP under hackathon timelines with strong focus on usability and execution.

Distributed Task Scheduler — Java 17, Spring Boot, PostgreSQL, Docker

- Developed a distributed task scheduling system with durable task state management using PostgreSQL.
- Implemented concurrent task execution across multiple workers using pessimistic locking to ensure data consistency.

Achievements

- GATE qualified.
- Led a team in Microsoft Imagine Cup 2026, driving development of an AI-powered education MVP using Azure AI Foundry.

Certifications

- AWS Knowledge: Serverless — Serverless architectures, AWS Lambda, event-driven computing
- AWS Cloud Practitioner Essentials – Core AWS services, cloud concepts, security, and billing.