



Shakti Priya

Roll No.: 2022UG1041

Bachelor of Technology

Computer Science and Engineering

Indian Institute Of Information Technology, Ranchi

+91-9263335772

priyashakti68@gmail.com

shakti.2022ug1041@iiitranchi.ac.in

GitHub Profile

LinkedIn Profile

EDUCATION

- Indian Institute of Information Technology, Ranchi** 2022-Present
B.Tech in Computer Science and Engineering CGPA: 7.75 | SGPA (Latest): 9.5
- Greenland Public School, Ranchi** 2021
Senior Secondary (CBSE Board, Jharkhand) Percentage: 88.6%
- Bridgeford School, Ranchi** 2019
Secondary (CBSE Board, Jharkhand) Percentage: 97.8% (State 6th Topper, Jharkhand)

TECHNICAL SKILLS AND INTERESTS

Programming Languages and Technologies: C, C++, Java, JavaScript, TypeScript, Python, SQL

Developer Tools: Git, VS Code, Postman, Bash Scripting, Docker, GitHub Copilot, GitHub Actions (CI/CD)

Technologies/Frameworks: Node.js, Express.js, React, Next.js, Prisma, Sequelize, Mongoose, Tailwind CSS, Redis, RabbitMQ, WebRTC, WebSockets, ShadCN, Clerk, Redux-RTK, gRPC, Nginx, tRPC, Jest, Kafka

Cloud/Databases: MongoDB, MySQL, PostgreSQL, ConvexDB, Redis, **AWS-** (DynamoDB, S3, EC2, ECR, CloudFront)

Coursework: Computer Architecture, Operating Systems, OOP, Computer Networks, Software Engineering

Soft Skills: Effective Communication, Team Collaboration, Leadership, Adaptability

PERSONAL PROJECTS

- AI Mock Interviewer | React, Node.js, PostgreSQL, OpenAI, Cloudinary, JWT, WebSockets | (Live Site) 2025**
AI-powered mock interviews with real-time evaluation and feedback.
 - Built an AI-powered mock interview platform that generates role-specific questions using OpenAI and evaluates responses in real time.
 - Implemented live interview simulations with webcam and microphone support, providing instant AI-driven feedback and analytics.
- WhatsApp AI Clone | Next.js, Tailwind CSS, TypeScript, Convex, OpenAI, Zegocloud, Clerk | (Live Site) 2025**
AI-powered chat with GPT & DALL-E 3, real-time updates, video calls, and secure authentication.
 - High-quality video & voice calls with Zegocloud, including screen sharing for enhanced collaboration.
 - Real-time updates powered by Convex for seamless communication.
- Employee Management System | MERN Stack | 2025**
Scalable Employee Management System for streamlined HR operations and secure workforce management.
 - Automated employee records, leave tracking, and attendance management, reducing manual HR workload by 60%.
 - Designed and implemented secure authentication with JWT and 99.9% uptime using Node.js and MongoDB.

PARTICIPATIONS

- Hack-A-Bit (BIT Mesra)**
Proposed an idea and participated in the challenge to develop a platform (Website and App) aimed at reducing recidivism and optimizing constructive engagement of prisoners.
 - Tools & Technologies used:** Website and App Development
- Smart India Hackathon (SIH) 2023**
Developed an IoT-based automated medication dispensing system using ESP Cam for QR code scanning, cost calculation, payment verification, and secure dispensing of medications.
 - Tools & Technologies used:** Arduino, MySQL, PHP, HTML, CSS, Node.js

ACHIEVEMENTS

- Google Girl Hackathon 2025 Semi-Finalist.
- Solved 500+ problems on coding platforms like [Leetcode - GeeksforGeeks].
- Awarded Miss IIIT (Ranchi) at Ephemere 2023, IIIT Ranchi.
- Secured AIR 25511 in JEE Mains 2022.