Varun Bhat P

Bengaluru, Karnataka

📞 +91-8217622619   ✉ varunbpadoor@gmail.com   in LinkedIn   ⌗ Github   🌐 Portfolio

EDUCATION

University of Visvesvaraya College of Engineering   **2023 – 2027**

*Bachelor of Technology in Computer Science and Engineering- **CGPA – 8.53***   *Bengaluru, Karnataka*

ACHIEVEMENT

Winner-Smart India Hackathon 2024   **Sept 2024 – Dec 2024**

PROJECTS

SkillPartner – Mentor-Learner Platform ⬈   *Django, SQLite, HTML, CSS, JavaScript*

- Created Django backend with Django ORM to manage mentor-learner session booking and profile handling for 100+ users.
- Built clean REST APIs for session scheduling, progress tracking, and reputation management.
- Achieved >85% task success rate in user testing during closed beta rollout.

SwiftWork – Freelancing Platform ⬈   *Node.js, Express.js, MongoDB, WebSockets, WebRTC, JWT*

- Developed backend to support 100+ active users for job posting, bidding, and real-time messaging.
- Implemented chat and video call features using WebSockets and WebRTC, enabling 80% faster collaboration.
- Secured platform using JWT-based authentication and role-based access for freelancers and clients.
- Optimized database queries, reducing response times by 40% and improving scalability under load.
- Coordinated with frontend team and deployed full-stack MVP with >95% test coverage and uptime.

VerifyVoter – AI-Powered Voter Verification System ⬈   *Node.js, Python, MongoDB, Cloudinary, Tailwind CSS*

- Built secure backend using Node.js and Python enabling 500+ users to register and verify identity with facial recognition.
- Integrated Gemini AI for face matching and Cloudinary for image handling, improving verification speed by 60%.
- Designed admin dashboard to manage 300+ voter profiles and streamline QR-based time slot booking.
- Used MongoDB Atlas for cloud storage with role-based access control to ensure secure and scalable data handling.

TECHNICAL SKILLS

- **Core Skills:** Django, REST APIs, FastAPI(familiar), React.js, Node.js(familiar)
- **Technologies:** Docker(familiar), Git
- **Languages:** C, C++, Python, JavaScript
- **Database:** MongoDB, MySQL, Firebase (basic), Cloudinary, SQLite3, PostgreSQL
- **Core Subjects:** Operating Systems, Object Oriented Programming, DSA

EXTRA-CURRICULAR

- Attended and participated in various hackathons listed below:
  Hack2skill GDG On campus Solution Challenge, Build with India, Adobe India Hackathon, Odoo hackathon, Hacksagon IIIT-Gwalior, Smart India Hackathon (2024).
- Spearheaded cross-functional coding teams across 6 hackathons, directing the development of innovative solutions, including a facial data registration module using Python, deployed by 70+ users.