IMRAN PASHA

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PROFESSIONAL SUMMARY

Backend developer with expertise in security and performance optimization. Skilled in Python (FastAPI), Node.js, and TypeScript with extensive AWS cloud deployment experience. Experienced with cybersecurity tools including Burp Suite, Wireshark, and Nmap. Strong proficiency in MySQL and PostgreSQL databases. Currently expanding skills in Rust programming. Demonstrated leadership skills managing backend teams and delivering scalable solutions.

TECHNICAL SKILLS

- **Backend:** Node.js, Express, FastAPI, Python, TypeScript, Rust (learning)
- **Frontend:** Angular, React, Flutter
- **Cloud & DevOps:** AWS EC2, Lambda, Route53, S3, Serverless Functions
- **Databases:** MySQL, PostgreSQL
- **Security Tools:** Burp Suite, Wireshark, Nmap, penetration testing tools
- **Others:** Git, Docker, Automation, NGROK
- **Data Structures & Algorithms:** Proficient in core DSA concepts implemented using Python.

PROFESSIONAL EXPERIENCE

Bose American Academy Platform & Sharkify.ai Digital Marketing Platform   Jan 2025–April 2025
Backend Developer

- Engineered backend microservices with Node.js and Express (TypeScript) to support scalable e-learning and marketing platforms.
- Integrated Angular frontend components, enhancing user interaction and engagement.
- Delivered critical features such as course enrollment, live class management, certification issuance, and workflow automation.
- Earned promotion to team leader in May 2025 for technical excellence and team leadership.

Shyra—AI Wrapper Project (YouTube Video and News SEO)   April 2025–June 2025
Full-stack Developer

- Created a Django-based AI-powered SEO platform by integrating Gemini and ChatGPT for content analysis and optimization.
- Automated video and news content scraping pipelines to gather data for improved search rankings.
- Developed backend ranking algorithms to boost keyword relevance leveraging advanced AI capabilities.

KaizerFit Fitness Application (Under Review)   June 2025–Present
Full-stack Developer

- Designed and implemented a Flutter-based frontend focusing on intuitive UI/UX design.
- Built FastAPI backend services engineered to scale for future high user concurrency and data volumes.
- Collaborated across frontend and backend components to ensure robust integration and system performance.

Editor Dashboard Development (CMS Tool)   October 2025–November 2025
Backend Developer

- Crafted scalable FastAPI APIs for the React-based editor dashboard, focusing on reliability and performance.
- Optimized backend workflows, improving data processing efficiency and user responsiveness.

EDUCATION & CERTIFICATIONS

- Bachelor of Technology, Computer Science & Engineering – Sahyadri College of Engineering and Management (VTU), 2020–2024
- Certified Ethical Hacker (CEH)—Ongoing Preparation, Intellipaat, IIT Roorkee
- MBA in Cybersecurity – Ongoing from SSBM Geneva, offered through Intellipaat

KEY ACHIEVEMENTS

- Led backend engineering teams for multiple enterprise projects, delivering scalable and maintainable solutions.
- Secured funding from the Government of Karnataka for the final year project on Smart Automation for Anti-violence Intervention, showcasing innovation and public impact.