SAITEJA BOMMENA

Full Stack & AI/ML Specialist

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience in Python, Node.js, and full-stack development. Proven expertise in building scalable systems, optimizing performance, and implementing AI/ML solutions. Strong background in system design, debugging complex issues, and cross-functional collaboration. Passionate about leveraging cutting-edge technology to solve challenging problems.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript/TypeScript, Java | **Frontend:** React, Next.js, Tailwind CSS | **Backend:** Node.js (Express, NestJS) , Django, FastAPI | **Databases:** SQL, MongoDB, Firebase, Postgres | **API development:** RESTful APIs, GraphQL | **AI/ML:** LLMs, Deep Learning, GANs, RLHF, NLP | **Tools:** Git, AWS Lambda, Slack API, Docker | **OS:** Linux, Windows | **Core:** Data Structures, Algorithms, OOP, System Optimization

PROFESSIONAL EXPERIENCE

Full Stack Developer - Fabzen Technologies Private Limited   *May 2024 - Present*
On-site   *Bengaluru, Karnataka, India*

- Developed AI-powered Slack bot for automated website management across multiple sites, enabling text updates, page creation, and code analysis through natural language, reducing maintenance time by 80%
- Built scalable contest backend using Node.js and TypeScript, handling 10,000+ concurrent users with 99.9% uptime
- Architected company website (cloudzenia.com) with Next.js, achieving 40% improvement in load times
- Created internal monitoring dashboard using Python, Dash, and MongoDB, eliminating third-party tool costs
- Integrated A-Pay payment gateway and implemented Duo Auth two-factor authentication for enhanced security
- Performed system performance optimization and bottleneck analysis across multiple applications

Freelance Developer   *August 2022 - May 2024*

- Developed Presentix.ai, an AI-powered presentation generator utilizing LLMs to create PowerPoint presentations from various input sources
- Designed complete backend architecture for Budfit using Python FastAPI and MongoDB with Swagger documentation
- Built AI chatbot for hotel booking automation using Voiceflow, improving customer engagement by 35%

AI and LLM Trainer -Soul AI, AI Whisperers Technologies   *October 2023 - November 2023*
Remote   *Hyderabad, Telangana, India*

- Engineered state-of-the-art Large Language Models (LLMs) to enhance their capabilities
- Leveraged domain expertise in Reinforcement Learning from Human Feedback (RLHF) to optimize AI models
- Crafted technical content and documentation for AI systems

KEY PROJECTS

- **AI Website Management Bot (Slack Integration)** — Designed intelligent bot for managing multiple websites through Slack with NLP for automated updates, page creation, and code analysis
- **AWS Serverless Architecture** — Implemented AWS Lambda-based backend for React Native app with dynamic GIF features based on user behavior
- **Face Generation from Text using GANs (Master's Thesis)** — Developed novel approach using DCGAN, DFGAN, and SAGAN architectures for generating realistic faces from textual descriptions
- **Movies Recommendation System** — Built hybrid engine combining content-based and collaborative filtering, achieving 85% accuracy on 100K ratings dataset
- **Loan Eligibility Prediction** — Created classification model with 92% accuracy using Random Forest, reducing loan default risk by 15%
- **Phyllo WordPress Plugin & Custom Theme** — Developed custom WordPress plugin connecting Phyllo with Airtable and created optimized theme for company blog

EDUCATION

Master of Computer Applications (MCA), Information Technology   *August 2021 - May 2023*
Vellore Institute of Technology (VIT)   *Chennai, Tamil Nadu*
GPA: 9.10/10

Bachelor of Computer Applications (BCA), Information Technology   *2017 - 2020*
Nizam College, Osmania University (OU)   *Hyderabad, Telangana*
GPA: 8.22/10

Math, Physics and Chemistry (MPC)   *July 2015 - March 2017*
Kshatriya Junior College   *Armoor, Telangana*
Percentage: 96.8%

ACHIEVEMENTS

- Highest package holder among 1000+ students in Campus Recruitment (Master's Program)
- Consistently scored in the top 5% across all courses, securing ranks within top 5 out of 100 students

LANGUAGES & INTERESTS

Languages: Telugu (Native) | Hindi (Fluent) | English (Fluent) | Japanese (Basic-N5 level)
Interests: Cricket, Tech Exploration