SHAHINA KT

Software Engineer Intern

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SUMMARY

Computer Science Undergraduate with strong hands-on skills in full-stack development, AI/ML, and cybersecurity. Skilled in Python, JavaScript, and cloud-native DevOps. Adept at system design, agile development, and building secure, scalable applications. Known for strong communication and adaptability. Proficient in Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), N-Tier Architecture, Debugging, Test-Driven Development (TDD), and Software Development Life Cycle (SDLC). Seeking a Software Engineer Internship to apply technical expertise in real-world development environments.

EDUCATION

B.Sc. Computer Science
University of Calicut

2023 - 2026   Calicut, Kerala, India

CERTIFICATIONS

- **Full-Stack JavaScript Development - LinkedIn Learning**

Built and deployed a full-stack MERN web application using React.js, Node.js, Express.js, and MongoDB, with hands-on experience in REST APIs, Git, DevOps tools, and modern JavaScript (ES6+).

- **Advanced Python AI Projects - LinkedIn Learning**

Built intelligent applications using Python, applied machine learning with scikit-learn, and integrated NLP models for real-world automation scenarios.

- **Advanced Cyber Threat Intelligence - LinkedIn Learning**

Applied Cyber Kill Chain, MITRE ATT&CK, OSINT, threat hunting, and campaign analysis to deliver actionable threat intelligence using modern CTI platforms.

- **Generative AI Career Essentials - Microsoft & LinkedIn Learning**

Explored large language models, prompt engineering, Azure OpenAI integration, and ethical considerations for responsible AI deployment.

- **Cloud Architecture: Advanced Concepts - LinkedIn Learning**

Architected scalable cloud-native systems using microservices, integrated AI workflows, implemented CI/CD pipelines, and applied automation, edge computing, and cloud security best practices.

LANGUAGES

- English – Proficient
- Hindi – Advanced
- Arabic – Intermediate
- Malayalam – Native

STRENGTHS

Fast Learner & Adaptable
Quick in mastering new tools and frameworks

Problem-Solving
Skilled in debugging, optimizing, and delivering efficient solutions

Time Management
Effective in balancing multiple high-priority projects

AI Tools & Prompt Engineering
Professional in AI Tools & Prompt Engineering

KEY ACHIEVEMENTS

Self-Taught Programmer
Self-Taught Programmer - Built advanced AI & Full-Stack Development skills through independent learning, showcasing adaptability and dedication

LeetCode Problem Solver
Solved 300+ coding challenges and strengthening DSA and algorithmic problem-solving

Medium Writer
Authored 60+ articles with over 10,000+ claps, engaging readers on AI, Cybersecurity, and Tech Innovation

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C, SQL

Frameworks & Libraries: React.js, Node.js, Next.js, Express.js, Django, FastAPI, Tailwind CSS

AI/ML & Data Tools: scikit-learn, TensorFlow, OpenCV, Pandas, spaCy, Transformers, Prompt Engineering, CLIP

Cybersecurity: MITRE ATT&CK, OSINT, Threat intelligence, Secure Coding, Blockchain Security

Backend & APIs: RESTFUL APIs, Kafka, WebSockets, GraphQL

Databases: PostgreSQL, MongoDB, MySQL

Cloud & DevOps: Git, GitHub, CI/CD, Docker, Kubernetes, Vercel, AWS

Tools: VS Code, Postman, Jupyter Notebook, Linux, ChatGPT, Claude AI, Gemini, GitHub Copilot

PROJECTS & EXPERIENCE

Cyber Threat Intelligence Platform —

Tech Stack: React.js, FastAPI, MongoDB, LangChain, Blockchain, Docker, Kubernetes, CI/CD, Tailwind CSS

Engineered a full-stack platform to detect and visualize real-time cyber threats from user reports and OSINT pipelines.

- Integrated secure APIs, blockchain-based reporting, and LangChain for threat analysis
- Deployed containerized microservices with CI/CD and Kubernetes orchestration

Early Disease Predictor System —

Tech Stack: Python, Scikit-learn, LangChain, React.js, FastAPI, Firebase, Docker, CI/CD, Tailwind CSS, PostgreSQL

Designed a web application to predict diseases using ML classifiers and symptom-based logic.

- Used LangChain for AI doctor responses and deployed ML pipelines with cloud CI/CD

Blockchain-Based Voice Login System —

Tech Stack: Python, Web3, Solidity, Deep Learning, Docker, Kubernetes, React.js, IPFS, Ethereum

Built a decentralized voice authentication system with Ethereum smart contracts and deep learning models.

- Enabled real-time voice login and immutable identity storage using blockchain

AI-Based CCTV Abuse Detection —

Tech Stack: TensorFlow, OpenCV, FastAPI, LangChain, Kubernetes, Docker, Firebase, Kafka

Developed a CV model to detect abuse and emergencies in real-time CCTV streams.

- Integrated LangChain for incident explanation and deployed with cloud-native tools

Missing Person & Identity Finder —

Tech Stack: Python, OpenCV, Next.js, CLIP, LangChain, Firebase, Docker, REST API

Created an AI tool to match missing individuals using facial recognition and name tracking across platforms.

- Combined CLIP and OSINT scraping for multimodal verification and full-stack deployment

AVAILABILITY

- Available for Full-Time, Part-Time, or Internship roles
- Open to On-site (Bangalore), Hybrid, and Remote opportunities
- Immediate joining