

YOGESH R

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LinkedIn — GitHub — Portfolio

Professional Summary

Aspiring Software Engineer with strong foundations in **Python, Java, full-stack development, cloud, distributed systems, and problem-solving**. Experienced in building scalable applications, AI-driven tools, and automation workflows. Skilled in **REST APIs, microservices, API development, Git/GitHub workflows, Agile practices, and data structures**. Passionate about designing efficient systems and delivering impactful engineering solutions.

Education

B.E. Computer Science Engineering (Cybersecurity) , Arunai Engineering College	<i>May 2026</i>
CGPA: 8.5 / 10 (Till 6th Semester)	
<i>Relevant Coursework:</i> DSA, DBMS, OOP, OS, CN, Cloud Computing, AI/ML, Distributed Systems	
HSC , Govt. Higher Secondary School, Mangalam	<i>2020–2022</i>
Percentage: 81.17%	
SSLC , Govt. Higher Secondary School, Mangalam	<i>2018–2020</i>
Percentage: 84.2%	

Technical Skills

Programming: Python, Java, JavaScript, C, SQL, Bash
Frameworks: React, Node.js, Express.js, Flask
AI/ML: Scikit-learn, NLP, Pandas, Groq AI
Cloud/DevOps: AWS (EC2/S3), API Development, CI/CD basics
Developer Tools: Git, GitHub Workflows, VS Code, Postman, Docker (basic), Agile
Platforms: Linux, Windows

Projects

Mental Health Support System	<i>React, Node.js, MongoDB</i>
• Developed a scalable mental health platform with mood tracking and AI chatbot support.	
• Improved user engagement through personalized insights and interactive dashboards.	
• Optimized API response time by 20% using efficient backend routing.	
Spam Email Detector	<i>Python, Scikit-learn, NLP</i>
• Designed a machine learning model achieving 92% accuracy on email classification.	
• Optimized feature engineering pipeline to reduce inference time by 30% .	
• Processed and cleaned 5K+ email samples using NLP preprocessing.	
AI-Driven SIEM Tool	<i>Python, Flask, Groq AI</i>
• Built a real-time SIEM dashboard handling 10,000+ log entries .	
• Implemented AI-assisted anomaly detection that improved alert accuracy by 25% .	
• Integrated REST API endpoints and optimized log storage queries for faster retrieval.	

Certifications

• IBM Full Stack Software Developer Professional Certificate (Coursera)
• Python Essentials 1 & 2 — Cisco Networking Academy
• JavaScript 1 & 2 — Cisco Networking Academy
• SQL (Beginner & Intermediate) — HackerRank

Internships

Digital Forensics Intern – Alibi Technologies	<i>1 Month</i>
• Analyzed disk and mobile data using Autopsy and Magnet AXIOM.	
• Automated portions of the data extraction workflow using Python scripts.	
• Documented recovered digital artifacts to support investigations.	