

ANURAG ANAND

Software Engineer | P: +91 9234118867 | anuragsujit2005@gmail.com
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Software Engineer building production-grade full-stack applications, AI-powered systems, and secure distributed platforms from concept to deployment. Founded an engineering startup delivering AI products and enterprise software, lead cross-functional development. Engineered solutions serving 25,000+ users across enterprise software, computer vision, and cybersecurity through internships, research, and national hackathon-winning projects.

SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript, TypeScript, SQL, C.
- **Frameworks & Technologies:** Node.js, Express.js, Next.js, React.js, Flask, Tauri, HTML5, CSS3.
- **Databases:** MySQL, MongoDB, Firebase, Redis, Prisma ORM.
- **Cloud & DevOps:** AWS, GCP, Docker, Git, GitHub Actions, CI/CD, Linux, Vercel.
- **APIs & Security:** REST APIs, WebSockets, JWT, OAuth 2.0.
- **AI & Machine Learning:** PyTorch, TensorFlow, OpenCV, Scikit-learn, Computer Vision, NLP, Large Language Models.
- **Computer Science Fundamentals:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Computer Networks.

WORK EXPERIENCE

RESEARCH INTERN

June 2026 – July 2026

Indian Institute of Information Technology Kottayam

Python, React, Next.js, Tauri, Firebase, PostgreSQL, AES-256

- Engineered GIS-based Digital Twin and spatial risk prediction systems for Kerala Government using time-series analytics.
- Built OCR-powered desktop and web software reducing grade-sheet verification from weeks to under 5 seconds.
- Developed secure UAV communication, sea-level prediction, and AI research prototypes for real-world software deployment.

FULL STACK DEVELOPER

Dec 2025 – July 2026

Inxtinct Security, London

React.js, Next.js, Node.js, AWS, Aurora RDS, Chrome Extensions, Agentic AI

- Engineered security features for the Inxtinct One browser extension, improving threat detection accuracy by 42% across browser, email, and web activity.
- Built AWS microservices with Aurora RDS powering AI-driven email threat detection and behavioral profiling.

SOFTWARE DEVELOPER

Nov 2025 – July 2026

Wegbruck Pvt. Ltd

Next.js, Node.js, Firebase, Firestore, REST APIs

- Architected and developed an end-to-end ERP platform from scratch, implementing secure authentication, scalable REST APIs, cloud-native backend services, and multi-role workflows.
- Integrated payments, documents, scheduling, email automation, and chatbot services into a production-ready SaaS platform.
- Enabled centralized management of 500+ user applications and operational workflows through a unified enterprise platform.

SOFTWARE ENGINEERING INTERN

June 2025 – Nov 2025

SRM Institute of Science & Technology

Next.js, Node.js, Firebase, Firestore, Vercel, REST APIs

- Architected and deployed SHINE, an academic ERP platform digitizing attendance, achievements, placement tracking, institutional communication, and administrative workflows.
- Implemented secure role-based access, audit logging, Excel reporting, and cloud-native backend services supporting an expected deployment of 25,000+ users.

BACKEND DEVELOPER INTERN

Sept 2025 – Jan 2026

Yahweh Software Solutions

Node.js, Express.js, MongoDB, Docker, REST APIs

- Engineered RESTful backend services for an enterprise HRMS, developing secure APIs, authentication workflows, and modular ERP architecture.
- Containerized backend services with Docker, implementing secure coding practices and scalable deployment workflows.

ACTIVITIES

Research & Development Head

- ACM SIGKDD, SRMIST
- ML, DL, NLP, GenAi, CNN, OpenCV, ANN, Yolo, RAG
- Led research initiatives in computer vision and machine learning, mentoring members while developing AI solutions for real-world engineering challenges.
 - Organized 5+ technical workshops, hackathons, and bootcamps, driving community engagement and learning initiatives.

Technical Team Member

- Google Developer Groups
- Node.js, React.js, Django, Docker, Next.js, REST, EJS, Express.js
- Collaborated on full-stack and cloud-native software projects while participating in developer workshops and engineering initiatives.

PROJECTS

Secure UAV Command & Control Platform

- C++, Qt6, PostgreSQL, Protobuf, MAVLink Protocol, DTLS, Blockchain, ML-KEM, ML-DSA
- Engineered a secure UAV Command & Control platform with Qt-based Ground Control, encrypted middleware, and real-time mission management for autonomous drone operations.
 - Implemented post-quantum identity verification, secure DTLS communication, Protocol Buffers serialization, and immutable audit logging to defend against spoofing and command tampering.
 - Designed an event-driven architecture integrating PostgreSQL, MAVLink, blockchain security, and automated fail-safe recovery.

AgniShakti | AI Fire Detection Platform

- Python, React.js, Next.js, Node.js, Firebase, Vercel, Nodemailer
- Engineered an AI-powered fire detection platform using YOLOv8 for real-time CCTV analytics and automated emergency alerts.
 - Architected a production-ready SaaS platform with FastAPI, Next.js, Firebase, and cloud-native deployment.

NextPass | Event Management Platform

- Next.js, Firebase Auth, QR Code, Nodemailer, Firestore
- Built a full-stack event management platform with QR-based access, real-time check-ins, and role-based organizer dashboards.
 - Integrated Firebase Authentication, email automation, and cloud deployment for secure event operations.

Secure Digital Signing Platform

- Next.js, Firebase, AES-256, RBAC, Secure Hashing
- Built an enterprise digital signing platform implementing AES-256 encryption, RBAC, secure hashing, and authenticated digital approval workflows.
 - Engineered secure authentication, audit logging, and encrypted document management for production-ready enterprise use.

EDUCATION

SRM INSTITUTE OF SCIENCE & TECHNOLOGY

Bachelor of Technology | CSE Core

CGPA- 9.90

Chennai, India
2024 - Present

DELHI PUBLIC SCHOOL BOKARO

Intermediate

Bokaro, India
2021 – 2023

ACHIEVEMENTS

- Winner in 10+ National & University Hackathons.
- Founder, Accemberg Technologies | AI & Software Products Startup.
- National Hackathon Winner, Code Kalari IIIT Kottayam.
- Built and deployed production software supporting 25,000+ users.
- Lead Software Developer & Architect for 3 government-funded research initiatives.

CERTIFICATIONS & RECOGNITION

- Letter of Recommendation Dr. Ragesh GK (Associate Dean, IIIT Kottayam).
- Object Oriented Programming - [IIT Roorkee](#).
- Operating System Fundamentals – IIT Kharagpur.
- Programming In Java - IIT Kharagpur.
- 6 Week Data Science Bootcamp - [GeeksForGeeks](#).

ADDITIONAL

Languages: Fluent in English, Hindi, Basic German (A1).