Meeth Jitendra Davda

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EDUCATION

University of Southern California Master of Science in Computer Science — Los Angeles, CA
Coursework: Analysis of Algorithms, Information Retrieval and Web Search Engines — Aug 2025 – May 2027

RV College of Engineering Bachelor of Engineering in Computer Science - CGPA: 8.86 — Bangalore, India
Coursework: Data Structures and Algorithms, Database Management Systems,
Software Engineering, OOP, Information Storage Management — Dec 2020 – Jul 2024

TECHNICAL SKILLS

Languages: C/C++, NoSQL (MongoDB), SQL (PostgresSQL), JavaScript, Typescript, HTML/CSS, Java
Frameworks: React, Node.js, Material-UI, NextJS, Express.js, REST APIs, Microservices
Developer Tools: Git, Docker, AWS, VS Code, Github, GitLab

EXPERIENCE

Software Engineer Developer — Sept 2024 - Aug 2025
Boeing — Bangalore, India
- Reduced requirement analysis time by **3 hours** for aircraft's high and low level requirements leveraging **AI powered tools** like ChromaDB for Vector embedding and Retrieval-augmented generation **(RAG)**
- Engineered a safety critical **C++** feature to ensure reliable ground station connectivity, now set for deployment in commercial aircraft
- Executed full **SDLC** for safety critical avionics software, ensuring aerospace compliance, testing and fault-tolerant operation

Technical Intern — Feb 2024 - Aug 2024
Rakuten — Bangalore, India
- Developed a **full stack** annotation platform with a Next.js frontend and Spring Boot backend, reducing job setup time by **35%** through reusable templates
- Built a customer ready **Java SDK** from scratch, enabling users to interact with the annotation platform programmatically, enhancing user experience
- Created Docker images and integrated **CI/CD** workflows using GitHub Actions to deploy and manage production releases efficiently

Software Engineer Intern — May 2023 - Nov 2023
System Consultant Information India — Bangalore, India
- **Led a team** of five developers, coordinated with clients to gather requirements, managed timelines, and **ensured smooth communication demonstrating strong leadership**, collaboration, and time management throughout the project lifecycle
- Designed and implemented smart contracts for NFT based file storage, deployed across **Ethereum, Polygon, Solana, and Hyperledger Besu**
- Built a private QBFT blockchain network in Hyperledger Besu, delivering a secure, scalable enterprise grade decentralized storage solution

PROJECTS

Personal Portfolio website | *NextJS, Tailwind CSS, Vercel*
- https://itsmeeth.dev/ - Personal portfolio website showcasing projects, skills, and experience.
- Built using **Next.js** for high performance and scalability, with Tailwind CSS for responsive, modern styling.
- Optimized for fast load times and smooth user experience across devices.

IssueLens
- https://IssueLens.net - Built an AI powered debugging tool using **Retrieval Augmented Generatio(RAG)**, OpenAI Assistants API to retrieve contextual GitHub fixes
- Engineered a **Node.js + Express** backend with Axios crawling, pagination, and device-level rate limiting to efficiently index 9K+ repository issues, deployed on **AWS EC2** ensuring high availability and scalability
- Designed a Next.js + Tailwind interface with Markdown rendering and **REST API** integration, reducing developers' debugging time by up to **70%** through instant and structured insights

ACHIEVEMENTS

Boeing Recognition Award — 2025
- **Awarded** at Boeing for enhancing the Control Display Unit (CDU) by implementing missing Data Link functionality and ensuring compliance across all datalink pages

Hi-Impact Leadership and Verbal Communication Program — 2024
- Selected among a competitive pool of **500 candidates** for this program, recognizing strong leadership potential and communication skills