

Saket Firake

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SUMMARY

Passionate Computer Science student with hands-on experience in cloud platforms (AWS), backend systems (Spring Boot), and scalable web development. Proven ability to build and deploy cloud-native applications. Strong problem-solving skills demonstrated in hackathons and real-world projects.

EDUCATION

MIT Art Design and Technology

Currently in 3rd year B-Tech Computer Science (Core)

Pune, Maharashtra

Aug. 2022 – Jun 2026

DAV Public School

Completed 11th, 12th Science

Nerul, Maharashtra

Jul. 2020 – May 2022

MNR School Of Excellence

Completed 1st to 10th Grade

Navi Mumbai, Maharashtra

Jun. 2010 – May 2020

TECHNICAL SKILLS

Languages: Java, Python, C/C++, MySQL, JavaScript, HTML/CSS.

Frameworks: React, Next.js, Spring Boot, TailwindCSS

Cloud: AWS (EC2, S3, IAM, VPC, Lambda), Deployment, IAM, Cost Management

DevOps Tools: Git, CI/CD (GitHub Actions), Docker (basics), Vercel, Appwrite

EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

Swift Coding Club - Technical Member Led coding events and mentored juniors (Jul 2024 – Apr 2025).

FutureTech AI Ideathon (Team Lead) Pitched a blockchain-based medical data security idea (Aug 2024).

Infosys Springboard (Team Lead) Proposed a direct farmer-to-market solution (May 2024).

ADT-Connect Project (Team Lead) Led the development of ADT-Connect, research paper published (Mar 2024).

Smart India Hackathon (Team Lead) Designed an AI-powered career path selection app (Apr 2023).

PROJECTS

ADT-Connect: Educational Web Platform for MIT ADT University

Next.js, TailwindCSS, Clerk, Appwrite, Stream SDK, React

October 2024 – Present

- **Live Project Link:** adt-connect.vercel.app
- Built a platform for online learning and resource sharing with Next.js and TailwindCSS.
- Implemented user authentication with Clerk, storage with Appwrite, and video/audio meetings using Stream SDK.

Backend for Uber Clone using Spring Boot

Spring Boot, Java, MySQL/PostgreSQL, Hibernate

July 2024 – Nov 2024

- Developing a backend for a ride-hailing service with ride tracking, booking, and payment integration.
- Increased backend efficiency by 40% by optimizing database queries and payment system integration.

Vehicle Monitoring System with Raspberry Pi

Python, OpenCV, TensorFlow, YOLO-V8

June 2023 - Jan 2024

- Developed a vehicle monitoring system with number plate recognition using Raspberry Pi.
- Enhanced system performance by 50% by optimizing real-time data processing.

CERTIFICATIONS AND ONGOING COURSES

AWS Academy Cloud Foundations — Learned AWS compute, storage, networking, IAM, cloud security, billing, and deployment practices.

IBM Machine Learning Professional — Supervised/Unsupervised Learning, Regression, Clustering, Model Evaluation

JAVA SpringBoot 0 To 100 — Spring Boot, REST API Development, Backend Programming, Database Handling

Meta Frontend Development Certificate — HTML, CSS, JavaScript, React, DOM, Responsive Design

Cisco Networking Basics — Networking Fundamentals, OSI Model, TCP/IP, Routing, Basic Network Security

Python Programming Certificate - IIT Bombay — Python Syntax, Data Structures, Algorithms