Rakshath U Shetty

Bengaluru, India | +91-8951085835 | rakshathushettyu6@gmail.com | LinkedIn | Github | Portfolio

EDUCATION

Dayananda Sagar University	**Bengaluru, India**
Bachelor of Technology in Computer Science. (SGPA: 10 CGPA: 9.31)	*Graduation Date: May 2024*

EXPERIENCE

Startup Role: Software Engineer Intern — Jul 2024 - Dec 2024
Freo - MoneyTap | Backend Java Developer — *Bengaluru, India*
- Developed and debugged code, leveraging log analysis to resolve issues and maintain system stability; written SDK test scripts in REST to automate FinFlux testing, reducing manual testing time by **40%** and improving deployment reliability by **25%**.
- Directed the repayments service, **owning the process** in a 6-member backend team, **automating updates for customer collections** from lending partners, leading to a **30%** efficiency gain and **20%** improvement in payment accuracy.

Startup Role: Full Stack Developer, Junior Data Engineer — Sept 2023 - Feb 2024
AnTech Crew - Freelancing Startup — *Bengaluru, India*
- Pioneered the early startup team, securing **65+** clients in **4** months. Led a cross-functional team of developers; reviewed problem solving solutions and microservices architecture; promoted communication with test-driven development.
- **TaskFlow | Github**: Engineered robust **backend project** for TaskFlow, integrating **Twilio** for voice calling and **cron jobs** for background tasks. Increased user task completion and engagement rates by **35%**.
- Enhanced a **MERN Stack application** with 15+ features, seamlessly integrated **Stripe** for secure payment processing, resulting in a **50% increase** in successful transactions and a **25% reduction** in payment-related issues.
- Engineered and optimized scalable data pipelines with **data cleaning** in the **ETL process** for a Data warehouse, processing 2GB of data weekly, improving **data visualization** accuracy by **25%** and reducing data processing time by **40%**.

PROJECTS

CastX | Deployed Link | Github — Mar 2024 – Oct 2024
- Designed and developed a full-stack multimedia engagement platform using **Next.js**, enabling **real-time broadcasting** of video and audio content with interactive audience participation. Acquired 60% of users from UR-Connect.
- Added **10+** features like follow-unfollow, block-unblock, chat, and connectivity to non-webRTC software (OBS) or playstations for enhanced experiences. Serving broadcasts through **server actions (API-less)** for better insights.

UR-Connect | Deployed Link | Github — Feb 2024 – Apr 2024
- Implemented a full-stack social media platform to **enhance user productivity** by curating content aligned with users' professional interests. Ranked in the **top 3** in two project competitions and served **20+** real-time users.
- Collaborated with a 2-member team to build a platform using **Next.js**, based on a revolutionary **startup idea** to bridge the urban-rural divide and boost societal productivity through purposeful engagement and mutual support.

Autocapture of Selfie by detection of Smile | Github — Feb 2021 – Apr 2021
- Designed and implemented a machine learning model leveraging advanced image processing techniques to automatically capture selfies based on a smile (specified emotion). Created a dataset using XML files of around **2000+** photos.
- Incorporated the Haar cascade model to expedite processing speed and enhance efficiency. **Impact:** Achieved a remarkable accuracy rate of **87.26%**, with real-time data showcasing efficiency.

SKILLS AND COURSEWORK

Languages: C, C++, Java, Python, HTML, CSS, JavaScript, TypeScript, SQL (MySQL, Postgresql), MongoDB (NoSQL)

Frameworks: Spring Boot, Next.js, Express.js, React, Node.js, GraphQL, Tailwind CSS, Bootstrap, Hibernate, Flask (Novice)

Libraries: React.js, Pandas, NumPy, Matplotlib, Zustand, Shadcn/UI, Zod, cdnjs, Semantic-UI, OpenCV, Next-Auth, Socket.io

Developer Tools: Git (Version Control), GitHub, VirtualBox, Docker, Postman, XAMPP, Apollo Server, Vercel, Prisma ORM

Productive: AWS, Redis, Websockets, Jupyter, Firebase, Tanstack Query, VS Code, IntelliJ, Firebase, Redux/Redux-toolkits

Core: Data Structures and Algorithms, Object Oriented Programming, Operating System, Database Management System

More: System Design, Cloud infrastructure, NLP, ci/cd pipeline, Agile Software Engineering, Machine Learning (ML), scrum

ACHIEVEMENTS AND CERTIFICATIONS

- **Achievements**: Attained **Grand Master**, **Dominator** (highest rank among 7 leagues), and **MASTER** titles in **Naukri (Code 360)**, resolving 1000+ complex problems, ranking among the top **503 participants**, and demonstrating exceptional skills.

- **Hackathons**: Led the team and Placed in **top 2** at highly competitive **State Level Project Competition (Project: UR-Connect)** held at **BIT - Bengaluru Institute of Technology** out of **300+ participants**.

- **Certifications**: Acquired 7+ certificates, including Python for Data Science - Data/dimensional Modeling, Data quality/preprocessing and Data Analytics (NPTEL - IIT Madras), Android Studio (Google Developer), DBMS (CN - Naukri), OOP (CN - Naukri), and Artificial Intelligence/ Machine Learning (AI/ML) Foundation (Infosys Springboard).