Aniruddh Patil

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Summary — Experienced Backend Developer with over a year of hands-on experience in building and maintaining robust backend systems using Node.js and related technologies. Skilled in optimizing code for performance, scalability, and security. Solid understanding of Computer Science principles with a commitment to writing clean, maintainable code and following industry best practices.

Technical Skills

Languages :	JavaScript, TypeScript, Python, Java
Databases :	MongoDB, Redis, MySQL
Frameworks :	Node.js, Express.js, Serverless, Jest
Cloud :	AWS (Cloudwatch, S3, Lambda, CloudFront, API Gateway)
Tools :	Git, GitHub, GitLab, Postman, Docker, Teams, Bash, Jira

Concepts : Microservices Architecture, Agile Methodologies, Clean Code, Rest API, Collaborate, MVC, Performance Optimization, Scalable Systems, Computer Science Fundamentals, Industry Trends, Programming, Programming Language, Version Control, Work Collaboratively

Experience

Horizon Broadband Private Limited   **July 2023 – Present**
Software Engineer (SDE)

- Designed and developed **Create, Read, Update, Delete (CRUD)** APIs to enhance application capabilities and data management, adhering to **clean code** principles for maintainability and readability
- Refactored and streamlined code, achieving an **85% reduction** in code size, which improved **system efficiency**, **containerization**, and **maintainability**
- Strengthened **data security** by integrating **JSON Web Tokens (JWT)** for secure authentication and confidentiality, incorporating security best practices into the design
- Implemented **Redis** caching mechanisms to optimize data retrieval and minimize API latency, contributing to improved **system design** and performance
- Utilized the **Jest** framework to create and execute **unit tests** for **RESTful APIs**, ensuring robust **test coverage** and **code stability**, while providing valuable **feedback** to the development process
- Proactively resolved issues assigned through **JIRA** tickets, enhancing system reliability and performance through effective **communication skills** and teamwork
- Composed detailed documentation in **Confluence** for both testers and developers, facilitating seamless development processes and effective **communication** to enhance collaboration across teams

Faclon Labs   **Dec 2022 – Mar 2023**
Intern

- Completed a **3-month internship** at **Faclon Labs**
- Successfully developed a hands-on project, focusing on the creation of a **Recipe Book** application using **Angular.js**, **Node.js** and **Firebase**

Projects

Personal Portfolio   **July 2022 – Present**

- Developed a **Portfolio website** to showcase my work and projects
- Designed to provide easy access for anyone interested in learning more about my professional background and achievements

Recipe Book   **Dec 2022 – Jan 2023**

- Developed using **Angular 2**, a popular JavaScript framework for creating web applications
- Incorporates **Firebase**, a real-time database platform, to store and synchronize data in real-time
- Enables users to **create**, **view**, and **share** their favorite recipes
- Ensures a seamless and collaborative user experience by updating recipe changes in real-time

LifeCare-Portal   **Aug 2022 – Sep 2022**

- **LifeCare Portal** provides comprehensive access to hospital management and operations
- Simplifies hospital-related tasks, such as checking **oxygen availability**, **bed availability** and more
- Allows users to find information on nearby **hospital locations** based on their current **location**
- Aims to facilitate easy and time-saving access to health care facilities, especially in emergency situations similar to the **Corona Pandemic**

Blood Bank Management System (BBMS)   **Apr 2022 – May 2022**

- Developed **BBMS** using **Java** and **JDBC** to collect, store, and manage blood resources
- Blood is sourced from **voluntary donors** and categorized by **type** and **location**

Education

Centre for Development of Advanced Computing (C-DAC)   **Mar 2022 - Aug 2022**
Advanced Diploma in Computer Science
CGPA: 69.25%

K.J. Institute of Engineering and Technology   **July 2013 – Jun 2017**
B.E, Computer Engineering
CGPA: 7.61/10

Certifications

1. **Blockchain Basics**
2. **Getting Started with Docker**
3. **Getting Started with DevOps**
4. **Introduction to Ethical Hacking**
5. **Java Certification Course**
6. **Angular - Complete Guide (2023 Edition)**
7. **Data Structure & Algorithms in Java for Intermediate Level**