Anish Paudel

Software Engineer

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SUMMARY

Software Engineer with a strong foundation in Node.js, JavaScript, and MongoDB, with a keen interest in building scalable systems. Recently expanded into Java Spring Boot while working on microservices and cloud-based solutions. Passionate about clean code, problem-solving, and building reliable backend systems.

TECHNICAL SKILLS

Languages: Javascript, Core Java
Frameworks and tools: ReactJS/NextJS, Typescript, NodeJS, Spring Boot, Database Management, SQL, MongoDB, Docker, Monorepo, Data Structures and Algorithms, Git, Jira

EXPERIENCE

Associate Software Engineer   May. 2025 - July. 2025
Viveka Health   *Kathmandu, Nepal*

- Built a reliable **AWS S3** upload pipeline by implementing fault-tolerant, cross-platform filename sanitization and safeguards to prevent cascading production failures across services.
- Enhanced **Elasticsearch** indexing logic by developing a route that reindexes documents into a new index and seamlessly updates the alias, ensuring **zero downtime** and **data consistency**.
- Documented **production control workflows** by creating comprehensive guides on navigating AWS infrastructure, securely accessing production servers via SSH, and understanding key services for effective **troubleshooting**.

Associate Software Engineer   Sept. 2024 - Mar. 2025
LogicaBeans   *Kathmandu, Nepal*

- Built a production-ready **Node.js** and **Docker** email service system, enabling real-time email processing via **IMAP** and **webhooks**, which **automated** ticket creation in ticket management system, significantly reducing manual effort and streamlining support operations.
- Optimized shared components in a **Turborepo monorepo**, improving **code reusability** and efficiency across frontend modules and teams, reducing redundancy, and streamlining development.
- Performed code refactoring in PHP **Laravel**, improving **database schema**, **migrations**, and **database seeding** across multiple environments to ensure seamless deployments and data consistency.
- Designed and implemented an **Excel export** feature in **Laravel**, enabling users to efficiently extract and analyze large datasets, significantly improving reporting and **data accessibility.**
- Contributed to **Agile development**, participating in sprint planning, scrum meetings, and **JIRA** task management, ensuring timely feature delivery and cross-team collaboration.

Freelance - Software Developer - ReactJS   June. 2024 - July. 2024
Upwork   *Remote*

- Integrated a dynamic testimonial slider using Swiper.js, fetching testimonial data from the client's custom **API** to **boost credibility and engagement**.
- Developed a responsive landing website using **ReactJS** and Bootstrap, ensuring clean UI and consistent performance across devices.

Freelance - Software Developer - PHP   Jan. 2024 - Feb. 2024
Upwork   *Remote*

- **Improved** the functionality and layout of a dynamic confirmation page, enhancing user engagement and delivering a seamless post-interaction experience using **PHP**.
- Fixed responsive issues in the mobile navigation menu, ensuring smooth user experience across all devices using **Javascript**.

Full Stack Developer Intern   Aug. 2023 - Sep. 2023
Genci Edu   *India*

- Played a role in designing and developing a robust backend system for a learning platform using **NodeJS** and **ExpressJS**.

- Collaborated with cross-functional teams to create and maintain robust APIs
- Demonstrated **problem-solving** skills through troubleshooting.

IoT Intern   Mar 2023 - May 2023

Emertxe Information Technologies   *Bangalore, India*

- Developed a strong grasp of working with Arduino UNO and programming using Arduino IDE, enhancing skills in embedded systems.
- Developed Smart Home Automation system using PICSimLab, gaining hands-on experience with hardware simulation.
- Acquired valuable knowledge in connecting IoT devices to the internet using Blynk IoT.

PROJECTS

Email Service System | *NodeJS, Docker*

- Real-time email processing service using IMAP and SMTP, storing emails in MongoDB and attachments in MinIO object storage.
- The system forwarded emails to other applications via webhooks, allowing larger applications to integrate it as a component.
- Developed with Node.js, Express, TypeScript, MongoDB, MinIO, node-imap, Docker, and integrated webhooks for external system communication.

Food Ordering App | *React.JS and Node.JS*

- Food Ordering App showcasing a list of available restaurants in a given city, featuring cuisine-based filtering options and secure payment handling via Stripe.
- Utilized React Query for efficient data fetching, ShadCN UI and Auth0 for authentication, Cloudinary for image storage, MongoDB for database management, and Stripe for seamless payment processing.

EDUCATION

CMR Institute of Technology   Bangalore, India

Bachelor of Engineering - Computer Science Engineering

CERTIFICATIONS

GENERAL REGISTERED ENGINEER - Nepal Engineering Council 2024

GOOGLE CYBERSECURITY CERTIFICATE - Google, Coursera

INTRODUCTION TO COMPUTER SCIENCE - CS50X

INTRODUCTION TO GIT AND GITHUB — Google, Coursera