


Animesh Raj

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DESCRIPTION

Skilled software engineer with a strong foundation in **Java Full Stack Development, including Core Java, Java API Management, and Microservices**. Expertise extends to a wide range of technologies, including **C, C++, Python, JavaScript, TypeScript**, and advanced frameworks like **ReactJS, NodeJS, and Spring Boot**. Proficient in both **frontend (React Native, Next.js, Tailwind CSS)** and **backend development (Nest.js, Express.js, GraphQL)**, with experience in databases such as **MongoDB, MySQL, and PostgreSQL**. Solid background in **DevOps**, including tools like **Docker, Kubernetes, and AWS**. Adept at implementing **DevSecOps** tools such as **ZAP (OWASP Zed Attack Proxy), Semgrep, Snyk, and TruffleHog** for comprehensive security testing and continuous monitoring. Excited about new technologies and dedicated to ongoing learning to stay updated with industry trends.

EDUCATION

University Institute of Technology, The University of Burdwan	2019 - 2023
<i>Bachelor of Engineering in Electronics and Communication Engineering</i>	<i>CGPA: 7.96/10.0</i>
Jawahar Vidhya Mandir Shyamali, Ranchi	2016 - 2018
<i>AISSCE - CLASS 12 and with subject Physics, Chemistry, Maths and Computer Science</i>	<i>Percentage: 74.2/100</i>

EXPERIENCE

Tata Consultancy Services | Full Stack Engineer and DevSecOps Engineer ————— December 2023 - Present

Skills : JavaScript, TypeScript, React.js, Node.js, Java, Spring Boot, Hibernate, MongoDB, SQL

- **Actively involved** in designing and implementing full stack web applications to address complex business challenges.
- Utilized a diverse technology stack including **React.js, Node.js, Typescript, Java, Spring Boot, Hibernate, MongoDB, and SQL**.
- Developed comprehensive solutions tailored to **specific client requirements**.
- Played a key role in creating **RESTful APIs, frontend interfaces, and backend microservices**.
- Provided **end-to-end solutions** in various business domains, such as the **food industry**.
- Demonstrated expertise in **integrating multiple technologies** to deliver **scalable and efficient solutions**.
- Implemented **DevSecOps** tools like **ZAP, Semgrep, Snyk, and TruffleHog** within **GitHub Actions**, creating a CI/CD pipeline for automated security testing of applications. This ensured continuous monitoring and mitigation of security vulnerabilities during development.

Optimum Wellness | Full Stack Engineer ————— April 2022 – July 2022

Skills : Next.js, React.js, Node.js, MongoDB

- Led the development of a **dynamic website** using Next.js, React.js, Node.js, and MongoDB, **optimizing performance, SEO**, and ensuring a **responsive frontend**.
- Managed and **integrated secure payment** processing, implementing **payment gateways** to deliver a user-friendly and secure transaction experience.
- Designed and executed a **microservice architecture** for efficient **email communication**, ensuring timely user interactions.
- Utilized **MongoDB for data storage**, managing **data models** and operations to ensure **data integrity** and **high performance**.
- Collaborated with the design team to create an attractive and **user-friendly interface** using **Tailwind CSS**.
- Contributed to **quality assurance and testing**, enhancing website reliability through **testing, debugging, and performance optimization**.
- Fostered **effective cross-functional** team collaboration to ensure a seamless project execution.

PROJECTS

itsarraj.me | Next.js, React.js, Tailwind CSS, TypeScript

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- Developed a **personal portfolio** website using **Next.js**, **React.js**, and **Tailwind CSS**.
- Designed the website to emulate the **Ubuntu 20.04 theme**, showcasing creativity in web design.
- Integrated a **contact form using EmailJS** for streamlined user communication.
- Offered detailed guidance for local setup with support for both **npm** and **Yarn**.
- Fostered **open-source collaboration** to improve project functionality.

CircuitCrafter | React, Express, Tailwind CSS, MongoDB, JavaScript, TypeScript, PayPal's Client SDK

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- Developed a **e-commerce** platform, CircuitCrafter, using **React**, **Redux**, **Express**, and **Tailwind CSS**.
- Implemented **secure user authentication** and user profile management, enhancing the shopping experience.
- Integrated a reliable **payment gateway** powered by **PayPal** to ensure secure transactions.
- **Designed** an appealing **home page** with product listings and pagination, providing a **user-friendly** interface.
- **Supported** both **frontend** and **backend** development and set up environment variables for easy local testing.
- Images are **temporarily stored in memory** before being uploaded to the cloud, allowing for efficient and flexible image management.
- Demonstrated proficiency in a tech stack that includes **MongoDB**, **Cloudinary**, and **Express**.

Kruxigen | React, Vite, Node.js, Express.js, MongoDB, TypeScript, Axios, Styled-Components

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- Developed an **Educational Services Platform** using **TypeScript**, **Node.js** and **React**.
- Focused on providing **full-stack web development tutoring** with a specialization in the **MERN stack**.
- Implemented **modular template structure** to ensure consistency and ease of adding new educational content.
- Designed a **responsive and user-friendly interface** to enhance the learning experience.
- Integrated a robust **contact form** for seamless user interaction and inquiry handling.
- Employed **TypeScript** for type-safe development and improved code quality.

SKILLS

Languages: **Typescript**, **JavaScript**, **C**, **C++**, **Python**, **Java**, **HTML5/CSS3**

Frontend Development: **React.js**, **React Native**, **Next.js**, **Tailwind CSS**, State Management Libraries (**Redux**), **UI/UX Frameworks** (**Material-UI**)

Backend Development: **Node.js**, **Nest.js**, **Express.js**, **GraphQL**, **SpringBoot**, **RESTful APIs**, **WebSockets**

Databases: **MongoDB**, **MySQL**, **PostgreSQL**, **SQLite**, **Redis**,

DevOps and Deployment: **Git**, **Github**, **Gitlab**, **CI/CD** (**Jenkins**), Containerization (**Docker**), Orchestration (**Kubernetes**), Cloud Platforms (**AWS**, **Digital Ocean**), Server Management (**Nginx**)

DevSecOps: **ZAP (OWASP Zed Attack Proxy)** – DAST (Dynamic Application Security Testing), **Semgrep** – SAST (Static Application Security Testing), **Snyk** – SCA (Software Composition Analysis) and SAST, **TruffleHog** – Secret Detection,

Frontend Tooling: **Visual Studio Code**, **Webpack**, **Babel**, **ESLint**, **Style Preprocessors** (**SCSS**), Frontend Build Tools (**Gulp**), Testing Frameworks (**Jest**, **Cypress**)

Backend Tooling: **Postman**, API Documentation (**Swagger**)

Mobile App Development: **React Native**

Design and Collaboration: **Figma**, **Git** Version Control

Security and Authentication: Authentication and Authorization - **JWT**, Security Best Practices - **SSL/TLS**

Developer Tools: **NeoVim**, **VIM**, **Arch Linux**, **Ubuntu**, **grep**, **Bash**, **Linux GNU Core Utils**

Other Skills: **UI/UX Design**, **Content Creation**, **Video Editing**, **DevOps**

Academind — React Native - The Practical Guide [2024] 🔗 View Certificate	July, 2024
Academind — Docker & Kubernetes: The Practical Guide [2024 Edition] 🔗 View Certificate	July, 2024
Stephen Grider — NestJS: The Complete Developer's Guide 🔗 View Certificate	July, 2024
Ariel Weinberger — NestJS Zero to Hero - Modern TypeScript Back-end Development 🔗 View Certificate	July, 2024
Chad Darby — Spring Boot 3, Spring 6 & Hibernate for Beginners 🔗 View Certificate	April, 2024
in28Minutes Official — Spring Framework Master Class - Java Spring the Modern Way 🔗 View Certificate	April, 2024
in28Minutes Official — Master Microservices with Spring Boot and Spring Cloud 🔗 View Certificate	May, 2024
Academind — React, NodeJS, Express & MongoDB - The MERN Fullstack Guide 🔗 View Certificate	May, 2024
Coding Ninja — Back End — Full Stack Web Development in Node.js 🔗 View Certificate	May, 2023
Coding Ninja — Full Stack — Advance Front-End Web Development with React 🔗 View Certificate	August, 2023
Coding Ninja — Front End — Full Stack Web Development 🔗 View Certificate	February, 2023
Coding Ninja — Java — Data Structures in Java 🔗 View Certificate	January, 2023
Coding Ninja — Java — Introduction to Java 🔗 View Certificate	November, 2022
Internshala — Python — Programming with Python 🔗 View Certificate	July, 2022
University of Michigan — Python — Getting Started with Python 🔗 View Certificate	May, 2022
IBM — Introduction to Web Development with HTML, CSS, JavaScript 🔗 View Certificate	July, 2022
Johns Hopkins University — HTML, CSS, and Javascript for Web Developers 🔗 View Certificate	July, 2022