

# SUKANTA BALA

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## SUMMARY

Software developer with professional experience in building scalable, maintainable and secure web applications using **React.js**, **TypeScript**, **Vue.js**, **Node.js**, and **Python**. Skilled in agile practices, OOP, CI/CD, and DevOps, with a track record of delivering performant web platforms and mentoring teams through code reviews.

## SKILLS

- **Frontend:** React.js, TypeScript, Vue.js, Tailwind CSS
- **Backend:** Node.js, Express.js, Python, FastAPI, Microservices
- **Testing & Tooling:** Vite, Jest, Linux, Git, WebSockets, REST API
- **DevOps:** Docker, AWS, CI/CD, Nginx, Apache
- **Databases:** SQL, PostgreSQL, MySQL, MongoDB, Redis
- **AI technologies:** Generative AI, LLM's concept, ChatGPT API, Copilot, Cursor.
- **Workflow:** Agile, Scrum, TDD, DDD

## EXPERIENCE

### Senior Full Stack Engineer

Oct 2023 – Aug, 2025

*Comworks Media / Sydney, Australia (Remote)*

- Spearheading design and development of a scalable ERP system using **FastAPI**, **Pydantic**, **React.js**, **Zustand**, **React Query**, **TypeScript**, **Prisma**, **PostgreSQL**, and **CI/CD** tools.
- Working on a German language exam assistance platform using **React.js**, **TypeScript**, **Tailwind CSS** and **Node.js**, **PostgreSQL** to significantly reduce learners' preparation time and expenses (targeting up to 40%).
- Architected and launched B2B rental systems, reducing operational costs by **15%** through optimized API connectivity, payments and property listings using **Node.js**, **TypeScript**, **Vue.js**, **Tailwind CSS**, **MongoDB**, etc.
- Engineered Smart-Compendiums SaaS for property managers, boosting engagement by **35%** across 100+ B2B clients – using **TypeScript**, **Vue3**, **Tailwind CSS**, Vitest.
- Implemented **CI/CD** pipelines with GitHub Actions and Docker, cutting deployment time by **20%**.
- Partnered with PMs and designers to ship accessible, responsive UIs.
- Mentored junior developers and led code reviews to uphold engineering best practices.

### Full Stack Developer

Oct 2021 – Sep 2023

*Upwork / California, USA (Remote)*

- Engineered courier tracking functionality with **Next.js** and **Node.js**, enhancing delivery transparency and driving a **25%** increase in customer satisfaction.
- Developed full-stack apps including fintech backgrounds with **Node.js**, Laravel, **Next.js**, **React.js**, **Vue.js**, and **PostgreSQL**, MongoDB, integrating secure payment APIs and scalable backend architectures.
- Integrated **Stripe** and **PayPal APIs** for SME clients to enable secure payments.
- Established RESTful APIs and Docker-based microservices for multiple clients, reducing runtime issues by **25%**.
- Led small teams and contributed to architectural decisions, improving delivery timelines by **33%**.

## **Software Developer**

Aug 2020 – Sep 2021

*Mediusware Ltd. / Dhaka, Bangladesh*

- Optimized high-traffic social media systems handling **10,000+** daily users, reducing server costs by 30% while ensuring secure data compliance.
- Developed secure integrations with social media APIs using Nuxt.js, Vue.js, **React.js**, **Node.js**, MongoDB, etc.
- Coached junior developers and enforced clean code standards.

## **Web Developer**

May 2019 – Jul 2020

*Kothao Infotech / Dhaka, Bangladesh*

- Helped to build a B2B travel applications as a web developer using agile methodology and Microservices Architecture.
- Integrated travel APIs to enable agencies to book flights for their passengers.
- Executed hotel search and booking features, allowing users to find, sort, and book hotels via APIs.

## **Web Developer**

Feb 2018 – Apr 2019

*Parameter-X / Dhaka, Bangladesh*

- Helped to build a travel portal which increased the company's income significantly.
- Collaborated with team members to build new applications and existing applications bug fixing.

## **Junior Web Developer**

Oct 2016 – Jan 2018

*Monist Inc. / Dhaka, Bangladesh*

- Fixed bugs reported by testers and contributed to developing new features and worked in a team.
- Gained knowledge in web technologies, API development, database design and client requirements.

## EDUCATION

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### **B.Sc. in Computer Science and Telecommunication Engineering**

Noakhali Science and Technology University

Verified by German Authority (**ZAB**) | [LINK](#)

## CERTIFICATIONS

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### **Kubernetes Fundamentals**

[View Certificate](#)

### **Docker Hands on Course**

[View Certificate](#)

### **Generative AI Fundamentals**

[View Certificate](#)

### **Think in a Redux Way**

[View Certificate](#)

## LANGUAGE

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- German (B1 Level & Learning) | [LINK](#)
- English (Fluent & Professional) | [IELTS](#)