

# ASTITVA NIGAM

☎ [+91-9870803544](tel:+91-9870803544)

✉ [nigamastitva001@gmail.com](mailto:nigamastitva001@gmail.com)

🌐 [nigamastitva001/](https://nigamastitva001/)

🔗 [nigamastitva](https://nigamastitva)

## TECHNICAL SKILLS

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**Languages:** C/C++, Java, JavaScript, Typescript, SQL, NoSQL

**Tools/Technologies** ReactJS, NextJS, NodeJS, ExpressJS, TailwindCSS, MongoDB, PostgreSQL, Redis, Redux, Recoil, PrismaORM, TurboRepos, Postman, EC2, Docker, Serverless Backends, Jira, Agile, Git, Linux

## WORK EXPERIENCE

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**Cognizant**

Sept 2021 – Present

*Role - Software Engineer*

- **Developed** scalable web applications using **React.js**, **Next.js**, and **TypeScript**, leveraging **SSR** and **CSR** techniques to improve SEO and load speed, resulting in a 20% increase in overall profitability.
- **Implemented** RESTful APIs using **Node.js** and **Express.js**, enhancing application functionality and reducing response times by 30%. Conducted API testing with **Postman**.
- **Designed** and **Optimized** database schemas with **Prisma ORM** for **MongoDB** and **PostgreSQL**, decreasing query execution time by 25% and enhancing retrieval efficiency.
- **Engineered** automated deployment **CI/CD** pipelines which reduces deployment time by 40% and minimizing manual errors in the release process.
- **Led** sprint reviews and collaborated with cross-functional teams in an **Agile methodology**, reducing project timelines by 30% and achieving a 95% on-time completion rate.
- **ReactJS**, **NextJS**, **NodeJS**, **ExpressJS**, **Javascript**, **Typescript**, **TailwindCSS**, **MongoDB**, **PostgreSQL**, **Redis**, **Recoil**, **PrismaORM**, **TurboRepos**, **Docker**, **Postman**, **EC2**, **Git**, **GitHub**, **Jira**, **Agile**, **Linux**

**Cognizant**

Jan 2021 – June 2021

*Role - Intern*

- **Developed** and **implemented** robust CRUD operations and resolved critical bugs in internship project, enhancing data management efficiency, user experience, and system stability.
- **ReactJS**, **NodeJS**, **ExpressJS**, **Javascript**, **MongoDB**

## PROJECTS

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**Blogging Platform** 📄 | [ReactJS](#), [Typescript](#), [TailwindCSS](#), [Cloudflare Workers](#), [Zod](#), [PostgreSQL](#), [PrismaORM](#), [JWT](#)

- A user-friendly platform **designed** for creating, publishing, and managing blog posts. **Built** a responsive and dynamic frontend with **ReactJS** and **TypeScript**, using **Zod** for type-safe validation.
- **Engineered** a secure, serverless backend using **Cloudflare Workers** for low-latency API responses, integrated **PostgreSQL** with **Prisma ORM** and connection pooling for optimized data management, and implemented **JWT-based authentication** to ensure data security.
- [Live site here](#)

**Payment App** 📄 | [NextJS](#), [Typescript](#), [ExpressJS](#), [TurboRepo](#), [PostgreSQL](#), [PrismaORM](#), [TailwindCSS](#), [NextAuth](#)

- **Developed** a secure payment platform with **Next.js**, **TypeScript**, and **Express.js**, enabling users to send funds, withdraw balances to banks, and process incoming transactions through bank webhooks.
- Integrated **PostgreSQL** with **Prisma ORM** for optimized transaction handling, and used **NextAuth** for secure user authentication, ensuring seamless and reliable fund transfers and account management.
- [Live site here](#)

**Portfolio Website** 📄 | [ReactJS](#), [TailwindCSS](#), [Framer Motion](#)

- **Developed** a responsive personal portfolio website using **ReactJS**, **TailwindCSS**, and **Framer Motion** to showcase work experience, projects, skills, and contact information with interactive animations.
- [Live site here](#)

## EDUCATION

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**Krishna Institute of Engineering and Technology**

July 2017 – July 2021

*Electronics and Communication Engineering - CGPA - 8.18*

*Ghaziabad, India*

## ACHIEVEMENTS

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- **Awarded** with multiple monthly appreciation awards for **exceeding performance expectations**, **consistently delivering high-quality work**, and ensuring on-time project completion.