

SAYANTAN GHOSH

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SUMMARY

Experienced Senior Software Engineer with **8+ years** specializing in **frontend development** (React.js, TypeScript, Next.js) and **full-stack solutions** (Express, Node.js, PostgreSQL, Supabase). Proven ability to **establish architectural foundations** and **standardize development practices**. Committed to leveraging **AI-Prompt Engineering** to enhance workflows and deliver **intuitive user experiences**, driving **business value** through technical excellence.

WORK EXPERIENCE

Synup | Bengaluru, Karnataka, India

Senior Software Engineer | October 2022 – Present | **Software Engineer** | May 2021 – October 2022

- **Led UI development** for new marketing products; **mentored a team of junior developers** and **improved onboarding efficiency** by ~25%.
- **Standardized UI components** with private npm package & **Storybook**, **reducing customer churn** by 15% with better UX predictability.
- **Integrated advanced libraries** (ag-Grid, dnd-kit), **promoting application functionality and UX** by over 20%.
- **Built multiple applications** with third-party social media/CRM integrations, **increasing company revenue** by 10%.
- **Worked independently on refactoring legacy codebase**, **reducing build times** by 15% and page response times by 10%.
- **Engaged** with design and product teams and provided **constructive feedback** to all stakeholders uplifting communication efficiency.
- **Implemented Test-Driven Development (TDD)**, **enhancing code quality** by 25% and **reducing post-release defects** by 18%.

Senseforth.ai | Bengaluru, KA, India **Software Engineer** | June 2020 – May 2021

- **Upgraded** conversational chatbot platform **for BFSI domain**, **streamlining customer interactions** and **improving response times** by 15%.
- **Standardized** marketing email development with mini framework, **reducing templating effort** by 30%.

Compile Inc. | Bengaluru, Karnataka **Software Developer** | April 2020 – June 2020

- **Architected** a frontend application for data visualization **in the life sciences sector**, **increasing data platform adoption** by 20%.

Drivezy | India **Application Developer** | March 2020 – April 2020

- Collaborated on the **maintenance of a B2C vehicle rental platform** and refined the website **image load time** by 50%.

Impact Analytics | Bengaluru Area, India **Software Engineer** | January 2019 – March 2020

- **Engineered** full-stack applications (React.js, Node.js) for Retail Allocation, **enhancing data consistency and UX** by 22% via **Redux**.
- **Designed & implemented** APIs (Node.js, Express, PostgreSQL), **optimizing backend performance** and **reducing latency** by 15%.
- **Contributed** to overall product design discussions (frontend & backend) and **won an internal hackathon award** for the most realistic solution.

Tata Consultancy Services | Indore, Madhya Pradesh, India **Assistant Systems Engineer** | July 2017 – January 2019

- **Engineered** Java/Spring Boot applications, including requirements analysis, design, development, and unit testing, **delivering 5+ critical modules on schedule**.
- **Gained experience** with Angular 4+ for UI development and **developed applications using the MEAN stack**.
- **Led a team** in an internal hackathon for microservices development in AWS, **winning 1st prize in the business unit**.

PROJECTS

- **TurboEdit**: A simple markdown editor for the web - <https://turboedit.sayantanghosh.in>
- **GotoDash**: A minimalistic personal dashboard app - <https://gotodash.sayantanghosh.in>

SKILLS

- **Languages & Frameworks**: React.js, Typescript, Next.js, Express, Node.js, HTML, CSS, Javascript
- **Databases**: PostgreSQL, Supabase
- **Testing & UI Dev Tools**: React Testing Library (RTL), Jest, Vitest, Storybook, Webpack, Rollup, Vite, Docker, Kubernetes
- **Other**: Data Structures and Algorithms, AI-Prompt Engineering

CERTIFICATIONS

Google Prompting Essentials - <https://www.coursera.org/account/accomplishments/specialization/certificate/9YBPRFU8QGFR>

EDUCATION

MCKV Institute of Engineering | Bachelor of Technology in Computer Science and Engineering | 2013 – 2017 | DGPA: 8.06