

Jay Bipin Ganatra

✉ ganatrajay2000@gmail.com ☎ 6806975622 🔗 Portfolio 🌐 LinkedIn 🐙 GitHub

SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, SQL, C#, C/C++, Kotlin, Swift, Dart, Haskell, PHP

Frameworks: React.js, Next.js, Express, Django, Spring, Flask, .NET Core, Swift UI, Android Jetpack, Flutter, React Native

Databases: Redis, PostgreSQL/MySQL/Microsoft SQL Server/SQLite, MongoDB, RDS, DynamoDB, Firebase

DevOps: Git, Jenkins, GitHub Actions, GitLab, Docker, Kubernetes, Terraform, Amazon Web Services (AWS), Azure

Tools: Jest, Cypress, Redux, Figma, StoryBook, Posthog, Datadog, Sentry, Clerk, Jira, Linear, Blender, WordPress, GraphQL

PROFESSIONAL EXPERIENCE

Full-Stack Engineer, *Blockhouse Labs Inc.* 🔗

Sep 2024 – Present

- **Led a team of 6** to coordinate product development across Designers, ML/OPs teams, and Product Managers, aligning workflows through PR reviews and scrum meetings, resulting in faster project delivery.
- Built scalable applications with **Next.js, TypeScript, TailwindCSS**, Django & **Fast API**, MongoDB, and Restful Apis, serving as a wrapper for Financial AI models. Leveraged AWS, GitHub Actions and Docker for a streamlined **CI/CD pipeline**.
- Deployed PostHog and Sentry for analytics and error tracking, facilitating **A/B testing** and enabling data-driven decisions that increased user engagement.
- Led **SEO optimization efforts**, driving an increase in organic traffic and enhancing search engine rankings and overall site visibility, using tools like Google Search Console, SEMRush, Ahrefs, and Screaming Frog's Spider Tool.
- **Oversaw the development** of a new cross-platform mobile app, using **React Native**, **launching 2 weeks early** while improving team coordination and project delivery.

Full Stack Engineer Intern, *Flow Global Software Technologies, LLC*

Aug 2024 – Oct 2024

- Led the **development of an ER diagram** for Flow Nebula, ensuring normalization and a scalable database structure.
- Created an organic LinkedIn scraper using BeautifulSoup, Regex, Python, and PostgreSQL, mimicking user behavior to automatically extract essential business data for 10000+ profiles, significantly improving lead generation capabilities.
- **Developed a custom web crawler** to dynamically update the sitemap on Google Search Console, ensuring improved indexing efficiency and search visibility.
- Led SEO efforts that improved search rankings, increased user engagement, and **grew organic traffic by 74%**, strengthening online presence. | **Recommendation Letter** 🔗

Software Engineer, *KJSIT*

Mar 2020 – Jun 2022

- Launched a centralized platform for 7 educational institutes under the Somaiya Trust by integrating **ReactJS and Redux** and **Node.js** using **REST Apis**, resulting in improved data accessibility for 2000+ students.
- Designed features and fixed bugs using **agile methods**, performed automated testing with **Jest and Cypress**, **mentored a team of 2**, and conducted code reviews, enhancing software quality and team collaboration. | **Appreciation Letter** 🔗

PROJECTS

Campus Shuttle | Backend Software Engineer Code

Aug 2023 – Dec 2023

- Developed and launched a **Java microservice** to streamline public bus services using **Spring**, **JPA** using **Hibernate**, and **MySQL**, reducing wait times by 30%. Learning system protocols and data flows.
- Established robust APIs and comprehensive documentation using **Swagger (OpenAPI)**; deploying using **Tomcat - GCP**.
- Spearheaded the implementation of RESTful API architecture, utilizing design patterns to enhance system performance; this project yielded a measurable increase in application reliability, **improving uptime metrics to 99.9%**.

GPS Equity | iOS Developer Code

Jan 2024 – May 2024

- Collaborated in a team of 3 to develop an **iOS Stock Tracker** app, integrating **Yahoo Finance API** and **YouTube APIs**.
- Built an AMA page powered by **Gemini Ultra**, leveraging AI/LLM to provide personalized and educational content to users.
- Implemented **Firebase** for secure user login, and created a micro-blog section for user-engagement.

EDUCATION

M.S. in Computer Science | CGPA: 3.8/4.0, Syracuse University

Aug 2022 – May 2024

B. Tech. in Information Technology | CGPA: 8.9/10.0, University of Mumbai

Aug 2018 – May 2022