Vijay Bharvad

● USA ● (571)-604-2926 ● vijaybharvad0097@gmail.com ● [LinkedIn](#) ● [Portfolio](#)

Summary

Detail-oriented Software Engineer with 2+ years of full-stack experience and a passion for building high-impact systems in agile, startup-style teams. Known for writing clean, testable code and owning end-to-end product delivery.

Education

Illinois Institute of Technology — Chicago, IL
M.S. Computer Science GPA 3.6/4.0 — *Aug 2023 – May 2025*

Charotar University of Science and Technology — INDIA
B.Tech. Information Technology GPA: 3.6/4.0 — *Aug 2019 – May 2023*

Work Experience

Software Engineer — *July 2025 – Present*
Halluminate(YC S25) — *NYC, NY*

- Developed core RESTful APIs using **Django** and **PostgreSQL** to automate **LLM output evaluation**, reducing manual QA time by 90%.
- Scaled infrastructure for 5K+ users by containerizing the platform with **Docker**, eliminating deployment inconsistencies and cutting onboarding time by 60%.
- Integrated **PostHog analytics** and executed targeted A/B tests, increasing user engagement by 25% through data-driven UX flow optimizations.

Full-Stack Developer — *Aug 2024 – July 2025*
Find Me LLC — *Elmont, NY*

- Built a social media portfolio platform using **Next.js**, **React**, Tailwind CSS, and **Node.js**. Improved page load speed by 2x and reduced API load time by 50% through optimization.
- Created scalable RESTful APIs using **Node.js**, **AWS**, and CI/CD pipelines. Improved system reliability and integrated test coverage with **PyTest**.
- Designed and integrated intuitive UI components, boosting user engagement by 25% while ensuring seamless user experience, accessibility, and adherence to usability best practices

Software Engineer Intern — *Jan 2024 – Aug 2024*
NEW EIC — *Boston, MA*

- Led end-to-end SDLC of a web app in Agile setting using **React, Node.js, Python, and MongoDB**, aligning closely with business teams to gather requirements and iterate features, reaching 1K+ student users.
- Launched **50+ routes** to expand backend functionalities/API capabilities and implemented lazy loading for scalable performance. Engineered referral intake features using **Flask APIs**, enabling integration with school enrollment systems and reducing onboarding time by 30%.
- Optimized MongoDB query performance and introduced indexing strategies, resulting in 2x faster data retrieval and Enriched scalability for high user loads.
- Automated CI/CD pipelines via **GitLab** and monitored deployments with **New Relic** and **Splunk**, enabling rapid rollbacks and stable delivery.

Projects Experience

Orbit Guardians | Hackathon Winner | *Python, React.js, Supabase, Express.js*   [orbit-guardians.netlify.app](#)

- Engineered Orbit Guardians, a real-time web app for extraterrestrial threat detection, survival guidance, and user communication using React, Supabase, and Express.
- Implemented styled-components for scalable UI architecture and automated deployment with npm scripts, ensuring seamless user experience and maintainability.

PastPort AI App | Hackathon Winner | *Flutter, Dart, OpenAI API, FastAPI*   [github.com/PastPort-AI-App](#)

- Designed PastPort, an AI-powered app enabling interactive, context-aware conversations with historical figures using FastAPI and the OpenAI API.
- Built a scalable Flutter-based interface with timeline exploration, event curation, and real-time AI responses; integrated SQLite for lightweight data storage.

Technical Skills

- Languages & OOP: Python, Java, TypeScript, JavaScript,, C++, C#, HTML, CSS, Ruby on Rails, Go
- Technology: **Flask**, CI/CD, **Next.js**, GraphQL, MongoDB, Docker, **Kafka**, **Kubernetes**, AWS (**Lambda**, **API Gateway**, **S3**, **ECS**, **DynamoDB**), Azure, GCP, MySQL, PyTest, Jest, LangChain, Agile, Scrum (used in SDLC across projects)
- Databases & Infra: PostgreSQL, SQL Server, Redis, Terraform/CDK, Firebase, Supabase, S3 storage, indexing strategies
- IAM & Security: OAuth2, OIDC, SAML (familiar), SCIM (basic); worked with Auth0 for secure identity workflows