

# Divesh Rizal

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**Senior Software Engineer** with 7 years of experience delivering scalable, high-quality production code for leading tech companies. Expertise in technical leadership, systems design, cloud environments (GCP & AWS), and enhancing developer productivity through innovative solutions. Adept at mentoring teams and driving projects from conception to deployment.

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|-------------------------------------|---|
| <b>Languages &amp; Frameworks:</b>  | Go, Python, TypeScript, JavaScript, React, Next.js, LangChain           |
| <b>Cloud Platforms:</b>             | Google Cloud Platform (GCP), Amazon Web Services (AWS), Vercel, Netlify |
| <b>DevOps &amp; Infrastructure:</b> | Docker, CI/CD, Pipelines, NSQ, Looker                                   |
| <b>Databases:</b>                   | SQL (Postgres, MySQL, SQLite), NoSQL (BigTable), Memcached, Redis       |
| <b>Architectural Patterns:</b>      | Microservices, Monolith, API Design, SDLC                               |
| <b>Methodologies:</b>               | Agile, Scrum  |

## Work History

**Senior Software Engineer** | Bitly Dec 2021 – Present

- **Developed and maintained** 20+ public and internal API endpoints for data export and analytics reporting, establishing quality standards and guiding architectural decisions.
- **Migrated and refactored** 5 microservices, eliminating critical bugs, and accelerating feature development by 30%.
- **Investigated and resolved** production issues, including bugs, host failures, database mutations, streamlining processes and enhancing system efficiency, which reduced flaky CI/CD test failures by 15%.
- **Mentored several junior engineers** and successfully transitioned an intern to a full-time position, fostering team development and growth.
- **Created innovative applications** during hack-weeks, including a VSCode extension, and an AI chatbot resulting in 15% increase in developer productivity.

**Systems Architect** | Pegasystems Jul 2017 – Dec 2021

- **Led** the FDA project by translating complex business logic into a technical blueprint and designing an intuitive application status page, streamlining the application process and enhancing user experience.
- **Designed and implemented** scalable architectures for four major enterprise clients, including the FDA and US Census Bureau, supporting applications used by over 100,000 users.

## Education

**Bachelor of Arts in Computer Science** Sep 2013 – May 2017

Middlebury College