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.

Languages & Frameworks:	Go, Python, TypeScript, JavaScript, React, Next.js, LangChain
Cloud Platforms:	Google Cloud Platform (GCP), Amazon Web Services (AWS), Vercel, Netlify
DevOps & Infrastructure:	Docker, CI/CD, Pipelines, NSQ, Looker
Databases:	SQL (Postgres, MySQL, SQLite), NoSQL (BigTable), Memcached, Redis
Architectural Patterns:	Microservices, Monolith, API Design, SDLC
Methodologies:	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** five 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, reducing 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.
- **Advocated for and implemented** VSCode debugger configurations for Go and Python, enabling 20+ engineers to use advanced debugging features, significantly enhancing code visibility and debugging efficiency.

Systems Architect | Pegasystems   Jul 2017 – Dec 2021

- **Developed** technical blueprint and status page for 510(k) medical device applications, streamlining process visibility for hundreds of medical device companies.
- **Implemented** scalable data ingestion pipelines and job schedulers, processing millions of rows to create precise user interaction histories for call center applications, guaranteeing high data accuracy.

Education

Bachelor of Arts in Computer Science   Sep 2013 – May 2017

Middlebury College