

Vinh Pham

Senior Software Engineer — Cloud & Full-Stack

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Senior software engineer with 18+ years building backend services and the full-stack applications that sit on top of them, most recently in Node.js and TypeScript. I've built event-driven platform services, GraphQL APIs, and the React UIs that use them, and I use Claude and Cursor daily, including an internal tool I built that helps my team triage on-call alerts.

SKILLS

Backend & Languages	Node.js, TypeScript, JavaScript, Python, Go, C#, SQL
Frontend	React.js, Redux, Angular
Cloud & Infrastructure	AWS (Fargate, EC2, Lambda, IAM, ECR, KMS, S3, Secrets Manager, API Gateway, WAF, GovCloud, AMI), Azure, Terraform, Packer, Docker, Kubernetes, Helm, Pulumi, VPC
Data	PostgreSQL, DynamoDB, MongoDB, MSSQL, GraphQL, NATS
Security & Identity	SAML, SCIM, OAuth, Cognito, Keycloak, FIPS / Chainguard, CSP / CSRF / HSTS
Observability & DevOps	Grafana, Prometheus, Thanos, Loki, Alert Manager, PagerDuty, Jenkins, GitHub Actions
GenAI Tools	Claude, Cursor

WORK EXPERIENCE

Senior Software Engineer · Tanium

Aug 2019 – Present

- Contributed to the customer-fleet observability platform on Terraform and AWS with Prometheus, Thanos, Grafana, and S3 for long-term storage. It's still the stack SRE and on-call use today.
- Shipped entitlement views, admin tools, and onboarding flows in React and TypeScript for the Cloud Management Portal, backed by an API Gateway and WAF.
- Delivered a self-serve module trial with license gating and dependency validation in a single quarter — database schema, GraphQL API, React UI, and the event-driven lifecycle email.
- Built the identity stack for self-service SAML SSO and SCIM provisioning on Cognito, letting customers onboard identity providers without opening a support ticket.
- Led the FedRAMP and GovCloud work for federal deals, covering FIPS crypto, Chainguard images, gov IAM across every environment, and USG email delivery.
- Ran a database consolidation onto shared infrastructure, retiring a full database fleet along with its cost, patching, and backups.
- Built and own the customer notification platform — a Node.js/TypeScript service integrated with the NATS event bus — delivering timely updates on module installation scheduling and completion, including tracing a silent outage back to an upstream parser regression.
- Use Claude and Cursor daily for coding and tests, and built an internal Claude skill that triages on-call alerts by correlating CloudWatch and Loki logs.
- Mentored a summer intern via weekly 1:1s, unblocking him and steering him in the right direction — he shipped a Go feature adding IdP config support for a GovCloud customer.

Software Engineer · Intel Corporation — Santa Clara, CA

May 2011 – May 2019

- Built backend services and web applications in .NET Core, Angular, and Aurelia, improving supplier data accuracy by 20%.
- Designed the data models and reporting behind automated supplier price comparisons, which surfaced over \$10M in cost savings.
- Rebuilt a legacy risk-assessment system with a cleaner architecture — better performance, easier to extend.
- Built REST APIs and automated tracking that gave global operations real-time visibility into \$3.7M worth of equipment.
- Integrated DocuSign for multi-year, multi-million-dollar contracts, covering signatures and automated archival.

Software Engineer · AccountNow — San Ramon, CA

Aug 2006 – Apr 2011

- Built backend services and high-traffic web features for onboarding, identity verification, and transaction disputes.
- Integrated LexisNexis Bureau checks over SOAP in C#, improving fraud detection and account approval accuracy.
- Built SQL-backed verification and dispute tools so customers could resolve incorrect transactions faster.

EDUCATION

Bachelor of Science, Computer Science · San Jose State University