

# Vyshnav S Deepak

+91 8848349032 | [vyshnav.s.deepak@gmail.com](mailto:vyshnav.s.deepak@gmail.com) | [linkedin.com/in/vyshnavsdeepak](https://www.linkedin.com/in/vyshnavsdeepak) | [github.com/vyshnavsdeepak](https://github.com/vyshnavsdeepak) | [paintermanlab.com](https://paintermanlab.com)

## EXPERIENCE

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### Founding Full Stack Engineer

Dec. 2024 – June 2025

*Crediflow AI (Remote)*

- Shipped MVP from scratch in under 8 weeks, enabling the company to secure its first pilot customers one month ahead of schedule.
- Built scalable LLM inference pipelines using Pydantic AI, orchestrated background jobs with Inngest, and integrated QuickBooks API for automated document intelligence.
- Led a team of 2 interns, established code review processes, and contributed over 430 commits, accounting for 60% of the initial codebase.

### Freelance Software Consultant

May 2024 – Dec. 2024

*Multiple Clients (Remote)*

- **Syft Data:** Refactored backend, tuned PostgreSQL/ClickHouse queries, and built a lead-gen Slack alert system. Built a browser extension feature that eliminated manual work for sales teams by automatically tracking all outbound email link clicks.
- **Digiquanta:** Deployed generative AI services for a client using AWS CDK, Lambda, and Step Functions; Built a public-facing website with Next.js for a news portal.

### Full Stack Engineer

Sep. 2023 – Apr. 2024

*Scalescape - relyonmetrics.com*

*Canada (Remote)*

- Led frontend development from scratch using React and Tailwind CSS for a new analytics platform.
- Developed backend microservices in Go, contributing to API design and system architecture.

### Fullstack Engineer

Aug. 2022 – Aug. 2023

*Rubix Network*

*Hyderabad, IN*

- Developed a Go Wasm smart contract runtime for the Rubix blockchain, enabling secure, deterministic, sandboxed code execution.
- Built a user-facing Blockchain connector application and wallet, and optimized Git workflows to double release frequency.

### Software Engineer - Game UI & Backend

May 2019 – Jul. 2022

*Hashcube*

*Bengaluru, IN*

- Reduced user-reported tickets by 40% by building an in-game webview FAQ system.
- Unblocked a production release by fixing a crash affecting 0.5% of users — reduced crash rate from 0.5% to 0.1% of sessions.
- Pioneered open-source contribution to Cocos2d-x, specifically improving JavaScript error handling. <https://github.com/cocos2d/cocos2d-x/pull/20168>
- Investigated and improved server performance by analyzing New Relic logs, identifying anti-patterns in the Node.js server.

## PROJECTS

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### Courtbase – Indie SaaS for Lawyers | *Next.js, Inngest, PostgreSQL, AWS Amplify*

[courtbase.app](https://courtbase.app)

- Built and launched a case management SaaS for Indian lawyers featuring automated case data retrieval reverse-engineering e-courts app.
- Deployed on AWS Amplify with a scalable, serverless architecture.

### Daily Standups Slackbot | *Slack API, Node.js, Redis, Vue.js, MongoDB*

- Developed a Slack bot that automated daily standups for a team of 10, saving over 10 hours of meeting and manual reporting time per month.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, Go, C++, SQL

**Frontend:** React, Next.js, Tailwind CSS, HTML/CSS

**Backend:** Node.js, FastAPI, Express.js, tRPC, Inngest

**Applied AI:** Vercel AI SDK, Pydantic AI

**Databases:** PostgreSQL, MySQL, Redis, ClickHouse

**Infrastructure & DevOps:** AWS (Amplify), Git, NGINX