Abhijit Hota

Software developer

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- LinkedIn
- GitHub

SKILLS

JavaScript Strong	**Go** Strong
TypeScript Intermediate	**React.js** Strong
Python Intermediate	**SQL (Postgres)** Intermediate
Svelte Intermediate	**Angular** Intermediate
NextJS Intermediate	**Express.js** Strong
Git Intermediate	**Linux/Shell** Intermediate
Flutter Beginner	**Java, C, C++** Familiar
Dart Intermediate	

REFERENCES

Amit Kumar
Co-founder, CTO Wellnexus
Technologies Private Limited

[Abhijit] *has been hardworking and passionate throughout the term. He has shown tremendous ownership and taken initiatives towards process improvement across several roles assigned. We wish him every success in life.*

- Specialises in **full-stack systems**, designing **NoSQL & SQL databases** and building **APIs**
- Interested in **backend development**, **networking software**, **UI/UX** and **developer tooling**
- Cares about **user and developer experience** ensuring product as well as code base quality

PROFESSIONAL EXPERIENCE

Backend Intern (Sep 2022 - Present)
Fold, 2586 Labs

- Building APIs pertaining to the core business logic using **Golang** and **PostgreSQL**
- Fixed defects by setting up and writing **database integration tests** using ory/dockertest
- Writing end-to-end tests by building a mock server for an external service
- **Instrumented** the codebase for metrics and traces using **OpenTelemetry** and **Prometheus**

🔗 https://fold.money

Software Development Intern (May 2022 - Jul 2022)
Standard Chartered GBS

- Developed an internal tool to **visualise data-flow in the network** of company applications
- Designed the UI from scratch, **facilitating good UX**, **visual design** and **accessibility**
- Leveraged **Angular** and various **graph theory** concepts to implement the required features
- Received an offer for a full-time role at the company due to my contributions and work ethic

🔗 https://www.sc.com

Software Development Intern (Aug 2021 - Oct 2021)
Breakout Platforms Inc.

- Implemented a complex application with **React** on the main super-application
- **Reduced bundle size** with route level **dynamic imports** and purging dependencies
- Executed **bug fixes** and **feature additions**, ensuring **backward** & **forward compatibility**
- Optimized the code-base for readability; standardised tooling and improved file structure

🔗 https://getbreakout.com

Software Development Intern (Feb 2021 - May 2021)
Prescribe, Wellnexus Technologies

- Developed a **mobile-first PWA** version of an internal application from initiation to production
- Delivered critical frontend features to a web app used by more than **10k users**
- Cut build size by **~15%** by migrating to a single component library and purging dependencies
- Streamlined **deployments** for two web applications with **GitLab CI/CD** integration

🔗 https://www.heyprescribe.com/

EDUCATION

Indian Institute of Technology, Madras (Jun 2019 - Present)
B. Tech
8.39

VOLUNTEERING AT E-CELL IIT MADRAS

Core, Web & Mobile Operations (May 2021 - May 2022)

- **Nominated by the Dean of Students**, IITM to **lead a 15+ membered team** of developers
- Trimmed the budget by **~50%** without compromising service availability or performance
- Set up **GitHub Action runners** for **continuous deployment** on **in-premise** servers
- Managed the **Internfair portal** project which connected **90+ startups** to **900+ students**

Manager, Web & Mobile Operations (Aug 2020 - Apr 2021)

- Ideated the **software architecture** and **frontend design** of **7+ full stack portals**
- Reached **50k+ users** by developing the above-mentioned portals using the **MERN stack**
- Received **25k+ views** and **5.6k registrations** in one month on the website for E-Summit 2021
- Aided users facing problems with our products and incorporated relevant fixes and features

PROJECTS

Go Validator Playground   (Mar 2023 - Mar 2023)

- An niche online web app to test `go-playground/validator` struct tags against JSON data
- Runs fully in the browser, using the `go-playground/validator` library directly via **WASM**
- Parses the input by user and dynamically creates struct types using the `reflect` package

🔗 https://github.com/abhijit-hota/go-validator-playground

`WASM` `Go` `Validator` `Playground`

InstiSOS   (Dec 2022 - Present)

- **Winner of the hackathon** for security application challenge by the **Director, IIT Madras**
- A three part application - mobile app, control room dashboard and a backend server
- Reliable and fail-proof system for helping people in emergencies

`Websockets` `WebRTC` `Flutter` `React` `MongoDB` `Node.js`

Rengoku   (May 2022 - Present)

- A **self-hosted bookmark manager** built for power users who like speed
- Simple and resilient applicant server written with Golang with a SQLite database
- Client applications include a barebones mobile app and browser extensions

🔗 https://github.com/abhijit-hota/rengoku

`Golang` `SQLite` `Svelte` `Flutter`

TeamUp Portal, E-Cell IITM   (Sep 2020 - Present)

- Portal accompanying the event flow of TeamUp, an event conducted by E-Cell IITM
- Received **400+** total registrations and **60+** CVs and around 20 selections by project mentors
- **Features**: Authentication, authorization, CRUD, direct file upload from browser to AWS S3

🔗 https://github.com/abhijit-hota/ecell-teamup-portal

`Node.js` `Express.js` `MongoDB` `React.js` `Redux` `Ant Design` `AWS S3` `JWT`

Merchandise Page, E-Summit IITM 2021   (Jan 2021 - Present)

- A **UX-centric E-Commerce portal** to effectuate **merchandise sales** of E-Summit, IITM 2021
- Transacted **100+ orders** worth **Rs. 64k+** with ease via Razorpay payment gateway integration
- **Features**: Shopping cart, product gallery, persistent user detail form, payment handling

🔗 https://github.com/ecelliitm/merch-page-starter

`React.js` `Redux Toolkit` `Chakra UI` `Razorpay` `Node.js` `Webhooks` `MongoDB`

Private CAH Client   (Jun 2021 - Present)

- An online version of the famous party game, Cards Against Humanity™
- Able to accommodate **8+ players** by conscientiously handling **security** and **scalability** issues
- *Features*: Real-time, multiplayer, turn-based gameplay, responsive, secure, serverless

🔗 https://pcahc.vercel.app

`Next.js` `Firebase` `Chakra UI` `Vercel Serverless`