

BINAM KAYASTHA

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PROFESSIONAL SUMMARY

*A **passionate developer** with a huge range of skillsets across tech - a backend, frontend, full-stack, and platform engineer.*
*A **results-driven coder**, focused on uncovering and solving real problems rather than blindly completing tickets.*
*A **forward thinker**, who thinks about architecture to prevent problems before they become problems.*
*A **team player**, who enjoys mentoring junior engineers, pair programming, and encouraging team discussions.*

SKILLS

Frontend: React.js, TypeScript, JavaScript, Svelte, Next.js, Relay, MUI, Tailwind

Backend: Python, Node.js, FastAPI, Django, Tornado, Chalice, REST APIs, GraphQL, Tauri, AWS

Data Engineering: Data Pipelines, ETLs, Apache Kafka, Snowflake, SQS, Firehose, Databricks, SQL, Postgres, Firebase

Others: Terraform, Kubernetes, Cloudflare, Minecraft Modding, Virtual/Augmented Reality, Go, Java, C#, Rust, C

Interests: Coding, Climbing, Configuring my linux home server

PROFESSIONAL EXPERIENCE

Cirkul

Newton, MA, USA

Senior Software Engineer

August 2023 - Present

- Created microservice localdev environment improving developer productivity.
- Championed coding standards, autoformatting, etc. improving consistency.
- Created and worked on various full-stack internal tools and ETL pipelines.
- Migrated multiple microservice apps from Heroku to EKS.

EverQuote

Cambridge, MA, USA

1st Party Sales Engineering, Senior Software Engineer

October 2021 - August 2023

- Worked on telephony system for Insurance Advisors.
- Automated phone callbacks which doubled our revenue per lead.
- Mentored Juniors on other teams giving programming and career advice.

Health/Medicare Website Engineering, Senior Software Engineer

June 2021 - October 2021

- Ran feature flagged A/B tests on the Medicare Insurance Comparison site.
- Created complex React Components like multidimensional filtering systems.

Ad Engineering, Senior Software Engineer

July 2018 - June 2021

- Owned Ad Bidder(\$5k/day) and Ad Server (\$10k/day, 600 req/s, ~250GB/day)

Software Engineering Intern

May 2017 - August 2017

- Created and productionized a Python Ad Server (\$5K/day, 200 req/s)

Cimpress

Waltham, MA, USA

Software Engineering Intern

June 2016 - August 2016

- Built a C# AI trained CNN to locate text with poor background contrast.

ID Tech

Boston, MA, USA

Instructor & Tech Coordinator

June 2015 - August 2015

- Taught Java, Python, and Minecraft Modding courses to kids of ages 10-17

EDUCATION

Worcester Polytechnic Institute

August 2014 - May 2018

Bachelor's, Computer Science

- Student Teaching Assistant | IT Helpdesk Specialist | Computer Science Club (ACM) VP, Hackathon Manager

PROJECTS & OUTSIDE EXPERIENCE

Nepalingo

Mentor

- Tech Stack: React, Typescript, Python, Postgres
- An open-source React app that helps people learn the indigenous languages of Nepal.
- Mentored 7 Nepali Students during the Incubate Nepal Summer program.
- [Link to project](#)

MeowTime

- Tech Stack: C, Typescript, Javascript, Svelte
- A Pebble watch app to help you do routines
- Created optimized C code to run on memory constrained Pebble watch
- Created Svelte configuration page that communicates to the Pebble watch via pkjs
- [Link to project](#)

Klamenso

- Tech Stack: Svelte, Rust, Tauri, Postgres
- A local-first, cross-platform ADHD friendly todo application I built for myself that I use everyday.
- Uses YJS CRDT resolution to sync between the local filesystem and Postgres database