

Kunal Kundu

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EXPERIENCE

Software Engineer, Verak (YC W21)

Aug.'20 - Present

- Led the backend team to build internal tooling for selling business insurance
- Integrated with insurers for automated quotations that reduced delay from **2 days to 5 mins**
- Built a task assignment & policy review system to reduce case time from **30 mins to 2 mins**
- Built an app used by **20K customers** to manage retail insurance purchases
- Setup observability, CI/CD, infrastructure for all backend services
- Built a component library to reduce UI development time
- Established hiring process for engineering & conducted all technical interviews

OSS Maintainer (Contract), Netlify · 

Aug.'22 - Present

- Working under the Developer Workflow Pillar to improve CLI tooling with **100K+ weekly downloads**
- Netlify CLI emulates the production Netlify environment so devs can use redirects, edge functions, builds etc. locally before deploying their websites
- Contributing features and fixes, resolving technical support queries, suggesting workarounds

Engineering Intern, Mosaic Wellness

Aug.'20 - Sep.'20

- Worked on a platform for telemedicine scheduling and admin management
- Migrated data-intensive dashboards from no-code to **React** improving page load time by **98%**

EDUCATION

National Institute of Technology, Patna


Integrated Masters of Science in Mathematics

Jul.'19 - Jun.'24

PROJECTS

gargoyle · 

HTTP Web Server with reverse-proxy, load-balancer, health-check, file server

glin · 

Interpreter for the Lox programming language with custom lexer and parser

tiny-redis · 

In-memory key value store with on-disk persistence

TECHNICAL SKILLS

Programming Languages	JavaScript, Go, Python
Backend Development	MongoDB, Redis, Node.js, Express
Frontend Development	React, HTML, CSS
Infrastructure	AWS, Terraform, Docker

ACHIEVEMENTS

Winner : Account Aggregator Hackathon · 

- Competed against 85 teams (including Indian fin-techs)
- Helped in building a virtual data room for isolated computation without exposing private data or algorithms

VOLUNTEERING

Software Engineer, Covid India

Mar.'20 - Apr. '20

- Worked on data visualisation for mapping cases and displaying trends
- Created a WhatsApp chatbot with **Node.js** to get location-specific helpline info, know general symptoms & precautions against Covid