

# Narendranath Gogineni

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🐙 github.com/narengogi

## EDUCATION

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### Indian Institute of Technology

*Bachelor of Science in Civil Engineering, Minor in Sociology*

Patna, BR

*July 2017 – May 2021*

### The Hyderabad Public School

*Science with Electronics*

Hyderabad, TG

*June 2014 – May 2016*

## EXPERIENCE

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### Software Development Engineer

Oct 2021 – Present

*RedBlock.ai*

*Bengaluru, KA*

- Developed an Agentic AI framework to automate web actions and data extraction, this is the central offering of the company
- Overhauled the RBAC(Role Based Access Control) setup on the server and the client, making the application robust and secure
- Worked on a framework for integrating data sources for 120+ SaaS Apps using SSO data, and third party API's
- Made the client Timezone Aware allowing us to serve the product internationally
- Handled release and repo management, also automated parts of the CI/CD pipeline using Jenkins and Serverless Scripts
- Completely Overhauled Asset Management in AWS S3, fitting organization data into a tree like structure, this reduced compliance time from 2 days to less than 4 hours
- Integrated GraphQL types into the Front-end Client, this completely did away with Type Errors in production
- Helped build the core features (Utilization and Spend) around which 30+ customers were onboarded

### Software Development Intern

Feb 2021 – Oct 2021

*Koo App*

*Bengaluru, KA*

- Worked in a team of two to develop the company's embedding service, a core feature of the platform. The company grew from 30,000 to 8 million+ downloads while interning there
- Offered a full time role with the company

## PROJECTS / COOL STUFF

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**ViewsJS** | *LangChain, Python, Node.js* | 🐙 github.com/narengogi/views

- This is basically the UI as an universal API
- This was Jury's favourite at the Generative AI hackathon I built it at [\(link\)](#)

**BalayyaLang** | *Python* | 🐙 github.com/narengogi/BalayyaLang

- An interpreter for a toy language, the syntax is derived from the dialogues of Indian actor Balakrishna
- Inspired from the book Crafting Interpreters

**ML Hussain** | *Python* | 🐙 github.com/narengogi/ML-Hussain

- A Genetic Algorithm based Painting bot that samples paintings and tries to generate a given target painting in the style of the sampled strokes
- This never took off properly because the code was super un-optimized and computationally expensive

**Homelab** | 🐙 github.com/narengogi/homelab

## TECHNICAL SKILLS

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**Languages:** Java, Python, TS/JS, SQL (Postgres), Shell Scripting (Bash and Fish)

**Frameworks:** Spring, LangChain, GraphQL, React, Node.js, Jupyter, Jenkins

**Tools:** AWS, Serverless, Git, Linux, Automation, CI/CD

**Skills:** Database Design, System Architecture Design, Internal Tooling, Repo Management