Aayush Dutt

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY (ISM), DHANBAD
B.Tech in Computer Science and Engineering
Grad. May 2021 | Dhanbad, IN
Cum. GPA: 8.44 / 10.0

ADARSH VIKAS VIDYALAYA
XII
Grad. May 2016 | Patna, India
93.6 %

KENDRIYA VIDYALAYA, DANAPUR CANTT
X
Grad. May 2014 | Patna, India
Cum. GPA: 10.0 / 10.0

LINKS

Website:// **aayushdutt.com**
Github:// **aayushdutt**
LinkedIn:// **aayushdutt**
Twitter:// **@aayushdutt**

SKILLS

Programming Languages:
JavaScript • Python • Go • Typescript • C++ • C • Shell Script

Web Development:
Node.js • React.js • Next.js • Express • HTML • CSS • Tailwind • Jest • Cypress • Figma • Web Extensions

Databases:
MySQL • PostgreSQL • MongoDB • Cloud Firestore • Supabase

Tools:
Langchain • Docker • AWS • GCP • Kubernetes • Cloudflare • Agentic AI • Git • Linux • vim • Web Scraping • E2E testing • RabbitMQ • Celery

EXPERIENCE

INSTABASE | Software Engineer II
June 2022 – Present (Software Engineer II)
June 2021 – June 2022 (Software Engineer)
- Led fullstack development for AI Hub, Instabase's flagship generative AI platform, including multi-document conversational AI, agentic chatbots, and workflow automation (TypeScript, React, Python, Go).
- Designed and launched native Excel processing and scalable table rendering, reducing processing time by 10x and improving extraction accuracy for complex spreadsheets.
- Built robust web content ingestion pipelines (Playwright, Celery) and architected E2E test automation frameworks, improving product reliability and release velocity.
- Drove platform-wide Node.js version upgrades, migrations and security upgrades, and enhanced large file upload infrastructure for performance and stability.
- Mentored engineers and collaborated cross-functionally to deliver high-impact features and ensure product quality.

ASPIRE UNIVERSE | Fullstack Engineer
Dec 2020 – May 2021
- Built and maintained end-to-end features for Aspire and InsightHunt across frontend and backend (TypeScript, React, Node.js, AWS, Cloud Firestore, Cloudflare).
- Optimized bundle size and improved site load speed by over 90%.

INSTABASE | Software Engineering Intern
July 2020 – Oct 2020
- Built a full-stack app (React, Python) for targeted extraction and navigation of long-form documents using automated Table of Contents segmentation.
- Developed a configurable tool for extracting tabular data from diverse documents.

GO DAYOUT | Fullstack Developer
Oct 2019 – Mar 2020
- Implemented event booking flows and payment integrations for GoDayout (React, Redux, Node.js, Stripe API, GCP).
- Set up CI/CD pipelines to accelerate deployments.

GOOGLE SUMMER OF CODE | Student Developer
May 2019 – Aug 2019 | AOSSIE
- Developed the Carbon Footprint browser extension for real-time carbon analysis on cruise booking sites (JavaScript, Browser Extension APIs).
- Automated E2E testing and CI using Puppeteer, Docker, Jest, and Gitlab CI.

ACHIEVEMENTS

- Secured All India Rank 3333 in JEE Advanced 2017 (99.8 percentile in more than 150 thousand applicants)
- Won, PayTM challenge - Credit and Buying profile in Hackfest 2019, IIT (ISM) Dhanbad. Secured 5th position/413 HackaBit 2018, BIT Mesra
- Ranked 1st in Class 12th and 10th school CBSE Board Exams