

# 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](https://aayushdutt.com)  
Github:// [aayushdutt](https://github.com/aayushdutt)  
LinkedIn:// [aayushdutt](https://www.linkedin.com/in/aayushdutt)  
Twitter:// [@aayushdutt](https://twitter.com/aayushdutt)

## SKILLS

### PROGRAMMING LANGUAGES:

Typescript • JavaScript • Python  
C++ • C • Shell Script

### WEB DEVELOPMENT:

Node.js/Express • React.js/Redux  
GraphQL • HTML • CSS  
SASS • Next.js • jQuery  
Gatsby.js • Figma • Jest  
Browser Extensions • Progressive Web Apps

### DATABASES:

MongoDB • MySQL • Cloud Firestore

### TOOLS:

Docker • AWS • GCP  
Kubernetes • Git • Firebase  
Linux

## EXPERIENCE

### INSTABASE | SOFTWARE ENGINEER II

June 2022 – Present (Software Engineer II)

June 2021 – June 2022 (Software Engineer)

- AI Hub: Worked on an application which allows the user to ask questions and extract data from complex documents using large language models, and a platform where users can create extraction apps.
- Test Runner: Created an application to automate creating and running E2E regression tests for document extraction flows. Used Python, Typescript, React, Celery, RabbitMQ
- Developed an uploader framework for handling uploads for large files and large number of files or folders
- Developed the Reader app to easily generate configuration profiles for OCR processes and to visualise the read output using image and text annotation overlays and split views. Used Typescript, React, Python

### ASPIRE UNIVERSE | FULLSTACK ENGINEER - PART TIME

Dec 2020 – May 2021

- Worked on Frontend, Backend, and Designs of Aspire and InsightHunt using **Typescript, React, Node, AWS, Cloud Firestore, Cloudflare**
- Optimised the bundle size and increased website load speed by >90%

### INSTABASE | SOFTWARE ENGINEERING INTERN

July 2020 – Oct 2020

- Using **React and Python**, created a full-stack application to make it easier to perform targetted extraction and navigate general long natural language documents by segmenting it using Table of Contents.
- Created an application for easily extracting tables from any documents using general configurations. Used **Python and React**

### GO DAYOUT | FULLSTACK DEVELOPER

Oct 2019 – Mar 2020

- Worked on the Frontend and Backend of GoDayout to create event booking flow and setup CI/CD
- Used **React, Redux, Node, Figma, Stripe API, GCP**

### GOOGLE SUMMER OF CODE | STUDENT DEVELOPER

May 2019 – Aug 2019 | AOSSIE

- Worked on Carbon Footprint Browser Extension to add carbon footprint generation and rendering to cruise booking websites, works on Firefox and Chrome browsers. Technologies: **JavaScript, Browser Extension APIs**
- Wrote E2E tests and setup continuous integration for the extension using **Puppeteer, Docker, Jest, 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, and secured overall 5th position in Hackfest 2019, IIT (ISM) Dhanbad
- Secured 5th position out of 413 teams in East India's largest hackathon HackaBit 2018, BIT Mesra
- Ranked 1st in Class 12th and 10th school CBSE Board Exams