Navonil Das

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EXPERIENCE

Software Engineer 2 *02 May 2022 - Present*
SDE2 at Amazon Payments
- Worked on adding fees on orders resulting in revenue of 200 CR.
- Worked on providing prepay option to Cash On Delivery customer , resulting in 5% increase in digital payments.
- Developing data pipelines to ingest payment data from S3 into the data warehouse.
- Designed a refund tool for unprocessed cases, reducing manual workload and improving operational efficiency.

Software Engineer *01 June 2021 -30 April 2022*
SDE at HashedIn by Deloitte.
- Executing large-scale data transformations on terabytes of data with Apache Spark.
- Developing machine learning pipelines and APIs to operate at customer scale.

Software Engineer intern *01 Feb 2021 -30 May 2021*
Software Engineer Intern at DataGrokr Analytics Private Limited.
- Building a cloud security solution that guides customers in reducing risk by recommending actionable remediation steps.

Arduino On Cloud *20 April 2020 - 30 June 2020*
Intern at FOSSEE Research Group, IIT Bombay
- Simulating Arduino Microcontrollers, Sensors, Drivers, Output and Input Devices on Web App.
- API for compiling Sketch Files and Saving Circuits.
- Creating containers to deploy across multiple platforms.
- Visit LIVE, Source Code

FlickZee *June 2019 - August 2019*
Software Engineer Intern
- Reducing Time to First Paint by 80% using SSR and Lazy Loading in their existing Angular App.
- Building ingestion system to keep website content updated using Python.
- Building Recommendation System to show similar Movies & APIs using Nodejs & Express.
- Visit

FOSEE Fellowship *May 2018 - July 2018*
Web Development, IIT Bombay
- Developed a Drupal 7 and 8 Module to display all the projects done by a college under FOSSEE.
- Developed a Drupal 8 Theme for the FOSSEE Website.

EDUCATION

Dronacharya Group of Institution Greater Noida, Uttar Pradesh, India
Bachelor of Technology in Computer Science and Engineering, Percentage: 78.6% *Expected June, 2021*

St. Mary's Senior Secondary School Rudrapur, Uttarakhand, India
Senior Secondary, (PCM + CS), 12th CBSE: 83.4% (aggregate), 91% (CS), 91%(MATHS) *May 2016*
High School, 10th CBSE, CGPA 7.2/10.0 *May 2014*

OPEN SOURCE CONTRIBUTIONS

CircuitVerse
- Adding Context menu & a Feature to delete the offline project.
- Fixed Issues, Bugs & Writing Documentation.

Vulnerablecode
- Collecting vulnerabilities from npm registry.

PROJECTS

1. **AI Code Editor**
   - Developed a web-based code editor integrated with an AI coding assistant powered by the DeepSeek Coder 1.3B LLM, running entirely on local hardware for full offline functionality.
   - View Source Code
2. **School App** *Apr 2022 - May 2022*
   - Developed a cross-platform mobile application using React Native to provide students and parents with real-time school updates, including homework, attendance tracking, fee and invoice management, and exam schedules.
   - Built the backend using Node.js to support scalable and efficient data handling.
   - View Demo
3. **SPB GK Quiz** *Feb 2020 - Feb 2020*
   - Prepare For Government Exams using this android app.
   - It contains more than 7000 questions into 12 categories.
   - It has nearly 5K download & More Than 4.7 Ratings.
   - View Android App

4. **Post Me** *Dec 2020 - Dec 2020*
   - A Forum Application which supports nested comments, likes & dislikes.
   - User Authentication & Add/Edit/Delete Post/Comments only by authenticated users.
   - Nested Comments, Like/Dislike Posts & Comments.
   - View Source Code OR View Live in Browser

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SKILLS

- **Languages :** JavaScript & Typescript, Python, C# , C, C++, Java, PHP
- **Technologies :** Docker, Angular, React, Next.js, Flutter, Android, React Native, Arduino ,LATEX, Drupal,
- **Cloud :** Amazon Web services, GCP