Arnab Deep

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EDUCATION

SRM Institute of Science & Technology — Istanbul, Turkey
B. Tech. in Computer Science & Engineering; **GPA: 8.98/10.00** — *Sep 2018 – Jun 2023*

SKILLS

Languages: JavaScript, TypeScript, Python, Java

Technologies: React.Js, ReactNative, NextJs, Redux, React-Query, Shad-cdn, Tailwind, Flask, Node.Js, Express

EXPERIENCE

Bajaj Finserv Health — Pune, India
Software Development Engineer — *October 2023 – Present, Full-time*

* Improved the loading speed of **20 screens** to under **0.3 seconds** and enhanced the performance of 8 web-pages elevating Lighthouse scores to greater than **90** resulting in **reduced load time by 40%**.
* Enhanced monitoring functionality by introducing real-time alerting for critical APIs and page crashes within Grafana, leading to a **31% improvement** in journey uptimes.
* Guided and provided mentorship to **4 interns** across various features, facilitating the development of optimized cross-platform user experiences.

Bajaj Finserv Health — Pune, India
Associate Software Development Engineer — *July 2022 – September 2023, Full-time*

* Designed a highly versatile file-upload component with customizable constraints, image compression, and image cropping, which found application in four separate user journeys within a React Native application. This component effectively manages a monthly traffic volume of over **3,00,000 files**.
* Implemented a budget-conscious localization solution to address a critical client requirement, enabling support for over **10 locales** across the website.
* Enhanced code coverage in a React Native project from **0% to 34%** and elevated coverage from **42% to 60%** in a Next.js project through the creation of Jest unit test cases.

Bajaj Finserv Health — Pune, India
Software Development Engineer Intern — *January 2022 – June 2022, Internship*

* Employed React Native and TypeScript to construct screens with impeccable designs, ensuring responsiveness, high performance, and accessibility. These screens effectively supported a daily influx upwards of **500 claims**.
* Orchestrated a swift migration of a JavaScript project to TypeScript, boosting code reliability. Implemented static typing, reducing runtime errors by **20%**. improving collaboration and developer **efficiency by 15%.**

AWARDS & ACHIEVEMENTS

Key Contributor Award

* Recipient for impactful innovations and collaborative excellence, driving success and positive team and organizational impacts.

40 Stars on Github

* Open-sourced and developed *Unofficial Geeks For Geeks API* a Flask-based project using web scraping, with 40 stars on GitHub. Successfully integrated with an Android application on the Play Store.

Runner's Up @ HackCBS 3.0 |

* With over two thousand participants and more than two hundred teams for *Aapka Apna Hiphop* an AI-based rap verse generator platform.

PROJECTS

Rancho | *GitHub*

* Developed an advanced SaaS solution to enhance last-minute note revision. The software ingests PDFs, utilizes OpenAPI for comprehensive analysis, and offers precise, chat-like responses to enhance the revision process.

Memeories | *GitHub*

* Contemporary full-stack application designed to empower users to upload cherished memes. They have the option to contribute their treasured memories, which can then be shared within our expansive user community