Divyanshu Sharma

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WORK EXPERIENCE

- **ShortLoop Inc (YC W23)** — Bengaluru, India
  Fullstack Developer — *July 2023 - Present*
  - Part of core engineering team that is involved in technical design and planning.
  - Took extremely high ownership of features in the whole company codebase.
  - Frontend lead: One of the 2 owners of frontend. Responsible for code reviews, planning and maintainence of the codebase.
  - Led a multi-repo major refactor of 2 core features resulting in performance increase(s) of upto 90% and drastically improved user experience.
  - Involved in research and prototyping for new features and products, including AI features using multi-modal LLMs.

- **ShortLoop Inc (YC W23)** — Bengaluru, India / San Francisco, USA (Remote)
  Software Development Engineer Intern — *December 2022 - June 2023*
  - Contributed 50,000+ Lines of Code over a duration of 6 months. Developed 100+ React components and 7 milestone features across back-end and front-end.
  - Initiated the conversion of the project from JavaScript to Typescript. Converted almost 50% of the files. Spearheaded refactoring of 50+ React Components and overall project architecture. Decreased code debt by 25%.
  - Engineered the authentication and authorization flow of the application and expanded security to 100% API coverage.
  - Designed and coded the ability to export the company's platform data to different integrations like Postman.
  - Carried out 4 Proof-of-concept projects for experimental features.
  - Built SDK in Python from scratch that was used to onboard customers across 2 continents. Carried out performance load testing and optimizations to minimize overhead in SDK usage. Reduced overhead to just 1% CPU usage.

- **ABB Corporate Research Center** — Bengaluru, India (Remote)
  Project Intern — *August 2021 - December 2021*
  - Understood 300+ page internal product specifications & increased rule coverage by over 75% for validating industrial spec files.
  - Spearheaded the conversion of an existing .NET application into a web service. Reduced deployment time of service by over 95% and drastically increased ease of access.
  - Published the application using docker for usage by on-site engineering teams over 2 continents. Worked with Microsoft's Language server spec to implement auto-completion for custom Domain Specific Language.

EDUCATION

- **Manipal University Jaipur** — Jaipur, India
  Bachelor of Technology in Computer and Communication Engineering; GPA: 8.93 — *July 2019 - July 2023*

- **Arihant College of Science, Commerce & Arts** — Pune, India
  12th Grade — *August 2017 - May 2019*

- **The Bishops's Co-Ed School, Undri** — Pune, India
  10th Grade — *August 2015 - May 2017*

SKILLS

- **Languages**: Java, JavaScript, TypeScript, Python, C#
- **Tools**: Docker, NodeJS, ReactJS, Spring Boot, Git, GitHub, NPM, Maven/Gradle, NuGet
- **Databases**: PostgreSQL, MySQL, MongoDB
- **OS**: Linux, Windows

HONORS AND AWARDS

- 1st prize at IIIT Gwarlior's HackStack 2022 national level hackathon.
- "Best Idea" award winner at HacksOverflow 2021 city-level hackathon.
- Finalist (Top 55) at HackTheMountain 2021 international hackathon.
- Finalist (Top 15) at MUJHACKS 3.0 (2019) city-level hackathon.
- Academic Excellence Award in 10th Grade (ICSE Board) (2017).