Divyanshu Sharma

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EDUCATION

Manipal University Jaipur   Jaipur, India
Bachelor of Technology in Computer and Communication Engineering; GPA: 8.84   *July 2017 - Present*

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

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

SKILLS SUMMARY

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

EXPERIENCE

ABB Corporate Research Center   Bengaluru, India
Project Intern   *Aug 2021 - Dec 2021*

- **Research**: Understood internal product specification & identified common faults in customer files. Designed a validation service and built validation rules for different faults.
- **Convert desktop app to web service**: Refactored the application to split business logic and built a REST API interface for operations using .NET Framework. Porting desktop app's functionality to a web application powered by ReactJS.
- **Docker**: Packaged the REST API and client into two separate images for easy deployment and usage by on-site engineering teams across Europe and India.
- **Language Client**: Built foundation for RegEx based syntax check for custom validation rules.

IEEE Student Branch MUJ   Jaipur, India
Lead Developer   *June 2021 - Oct 2021*

- **Project Management & Mentor**: Responsible for leading a team of 11 students for development of new chapter website. Identified requirements and designed the project architecture. Lead the decision making process for workflows, task management, code review, etc. Mentored 5 Juniors in full stack web development and project collaboration.
- **NextJS & GraphQL**: Built multiple pages using ReactJS. Responsible for distributing pages and code review. Designed the GraphQL schema using Prismic CMS and integrated it into the web application.
- **CI/CD**: Setup CI/CD workflows for code review, PR previews and continuous deployment on Netlify.

VOLUNTEER EXPERIENCE

IEEE Computer Society MUJ   Jaipur, India
Web Development Mentor   *June 2021 - May 2022*

Responsible for guiding 100+ juniors and colleagues in the web development domain & computer science over the year. Organized workshops for events like #100DaysOfCode and Hacktoberfest.

PROJECTS

- **kota (Networking)**: GitHub Built a concurrent HTTP server in Kotlin following RFC 7231. Can be used as a library. Uses a middle-ware architecture for flexibility. (Sep '20)
- **health-chain (Block chain)**: GitHub Built a multi-module web application that stores health records in RDBMS but uses Block chain for data verification, access control and application auditing. (April '22)
- **pw4j (Java Library)**: GitHub Built an abstraction library for Politics and War's (Game) REST API in Java. Published on Maven Central and maintained for over 2 years. Used in projects that served over 5000 players over 2 years. (Apr '19)

HONORS AND AWARDS

- Winner 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).