Mahak Bharatkar

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Education

National Institute of Technology	July 2018 – July 2022
Bachelor of Technology in Information Technology	*Srinagar, Jammu & Kashmir*

Technical Skills

Languages: Javascript, C++, HTML/CSS, PostgreSQL, MySQL
Developer Tools: VS Code, Eclipse, Cypress, Tableau, JIRA
Technologies/Frameworks: GitHub, ReactJS
Design Skills: Adobe Illustrator, Figma, Photoshop

Experience

Cogoport	July 2022 – Present
Associate Software Engineer | *skills: React.js, Javascript, CSS5, API, PostgreSQL, Flexbox*	*Mumbai, Maharashtra*

- Added new functionalities and translated UI/UX designs to re- usable React components. Fixed **more than 15** production bugs.
- Gamified sales pipeline tasks, like calling prospects, setting meetings, and closing deals, into a game by developing a gamified UI resulting in a **80% increase** in productivity of sales agents and **reducing TAT to 1 day**.
- Developed a streamlined flow for allocating and re-allocating sales agents to the organizations by **developing over 10 dashboards** and implementing **D3 graphs**.
- Modified existing code to suit new requirements and enabled **organic onboarding of more than 50 new countries**.
- Optimized and created components for maximum performance across a vast array of web-capable devices and browsers.
- Lead a team of **4 interns** and conducted over **10 code reviews** in the team

Samsung SDS	Feb 2022 – June 2022
Software Engineer Intern | *skills: Java, Javascript, DSA*	*Gurgaon, Haryana*

- Worked as an intern and learnt about the various technologies used in Samsung SDS.

Indian Institute of Science	Jan 2021 – Dec 2021
Research Intern | *skills: Data Analysis, Satellite image processing(Sentinel-2),Google maps, ML*	*Bangalore, Karnataka*

- Identifying and mapping the extent of floating plastic waste in the Indian coast using Satellite data from the European Space Agency satellite Sentinel-2 with **80% accuracy**.
- Compiling and studying the effects of floating garbage patches on the oceans of **3 regions around the world**, especially Indian coastline.

Projects

Cryptocurrency Website | *React.js, Nextjs, Javascript, Express, Node.js*	Dec 2023

- Successfully designed and implemented a cryptocurrency tracking application with **top 20 cryptocurrencies**.
- Integrated CoinMarketCap APIs to fetch real-time data, including **rates**, **24hr change**, and **7-day change** using **react-table**.
- Developed a currency converter page allowing users to convert cryptocurrencies with equivalent rates.
- Utilized **Next.js framework** for routing and module CSS to enhance styling and incorporated animations for a visually appealing user experience.

Bakery App UI | *Figma*	Jan 2023

- Designed a Bakery App UI for best user experience and aesthetics.
- Interactive elements: Incorporated interactive features that boosted user interaction by 25% and increased overall app usage and time spent per session using design principles.

Relevant Coursework

- Data Structures
- Algorithms
- Database Management
- Operating Systems
- Computer Networks
- Discreet Mathematics

Achievements/Entrepreneurship

Professional Calligraphy Services	May 2020 – Present

Proprietor

- Imported calligraphy tools from countries like USA and Malaysia and made available for Indian Artists with a **profit margin of 200%**
- Managed a custom calligraphy business serving **over 20 clients**.