ISHAN GUPTA

Bengaluru, India | **https://www.linkedin.com/in/ishan-gupta-632b59213/** | Github | **8529299320 |** ishangptdev@gmail.com

Full-Stack Developer with over 3 years of experience building enterprise-grade web applications using Angular, Node.js, Express, and MongoDB. Delivered performance gains up to 88% by optimizing, refactoring frontend modules, and upgrading legacy stacks. Skilled in designing scalable architectures, debugging complex issues, and shipping clean, tested code across the full stack.

EDUCATION

Swami Keshwanand Institute of Technology   Jaipur, Rajasthan

B.Tech in Electrical Engineering   Aug 2018 – Jul 2022

- **GPA/Score** – 8.7

WORK EXPERIENCE

Software Engineer – In Time Tec, Bengaluru   OCT 2023 – Ongoing

HP-PORTICO - [Microservice, Angular, AngularJs, NodeJS, MongoDB, MySQL, JavaScript, TypeScript, Jenkins]
- Worked on a fleet designing tool built on a **microservice architecture** and written in various languages that provides a range of functionalities, including visualizing assets/printers on the floor, managing printers, and generating several types of reports.
- Optimized Angular codebase and **Indexed DB** queries, reducing application load time by 88% and cutting 20K asset deletion time by 57% (from 13+ minutes to ~5.5 minutes), resulting in **faster UI performance** and lower storage overhead.
- Migrated backend microservices from **Node.js** v10 to v16 reducing tech debt. These upgrades contributed to key client retention by improving app performance, security, and future compatibility.
- **Led the migration of a hybrid AngularJS + Angular 2+ codebase to Angular 16**, resulting in a **41.1% reduction in production build size**, significantly improving application load time and performance.
- Implemented cybersecurity enhancements by addressing issues identified in **VERACODE** scans, significantly reducing the application's vulnerability to cyber-attacks.

Jr. Software Engineer – In Time Tec, Bengaluru   JUL 2022 – OCT 2023

CARTOS [Microservice, Angular, AngularJs, NodeJS, MongoDB, MySQL, JavaScript, TypeScript, Jenkins] -

- Worked on web application that serves MPS domain to manage print services in organizations by giving appropriate solutions to reduce the cost and effectively use their fleet.
- **Migrated** front-end features (floor map scaling, level property window, popups and many more) from **AngularJS** to **Angular 10**, ensuring scalability, maintainability, and improved DOM loading time while managing multiple modules.
- Maintained and debugged the codebase, performed over **300-unit tests**, and ensured code quality through rigorous testing and best practices, leading to a **40%** reduction in post-release defects.
- Participated in Dail Scrums, feature enhancements, product improvement, delivering user stories and bug fixes.

Software Engineer Trainee – In Time Tec, Jaipur   FEB 2022 – JUL 2022

- Developed and maintained the complete back-end structure of an e-commerce platform using Node.js and Express.js. Utilized MongoDB with Mongoose ORM for efficient data storage and retrieval.
- Leveraged Postman to test and validate API endpoints, ensuring reliability and functionality. Successfully deployed applications on platform like Heroku.

PROJECTS(Personal)

Socio - Real-Time Chat Application (InProgress): (ReactJS, Nodejs, JavaScript, WebSocket, Socket.io, Firebase, Web Api's, Mui, HTML, CSS) -

- **Authentication & Security:** Firebase-powered user signup, login, image/video upload and authentication.
- **Real-Time Messaging:** Implemented with **Socket.io** for seamless communication and online user tracking with **Nodejs as** backend.
- **Interactive Features:** Image previews, post/comment likes, autoplay functionality on scroll and user engagement functionalities.

Voiceleap: (ReactJS, JavaScript, Canvas, Web Api's, HTML, CSS)

- Developed a **voice-controlled game using ReactJS** and **Canvas** for optimized rendering and smooth animations, significantly reducing CPU memory load compared to traditional DOM rendering. Leveraged **Web APIs** to detect user voice input and trigger object jumps over obstacles. Implemented efficient rendering techniques, achieving a **CPU load reduction of over 77%**, ensuring seamless gameplay performance.

TECHNICAL SKILLS

Languages – JavaScript, TypeScript, HTML, CSS, C, C++.

Frameworks – Angular, AngularJS, Node.js, React.js, Material UI Angular, Express.js, Mui React.js.

Developers Tools – Git, Bit Bucket, Jira, Confluence, VS code, Agile Methodology, Azure.

Other Technical Skills – MongoDB, Jenkins, Web Api's, Chrome Developer Tools, CentOS, Linux, CICD, Docker, pm2, NPM, Data Structure and Algorithm.

Hobbies

- Gym, Box Cricket, Bike Riding, Guitar.