

Tarun Agrawal

Gurgaon, Haryana, India (122018) | +91-9116320360 | tarunagrawalgarg@gmail.com | LinkedIn | Github

Experience

Gemini Solutions | Software Engineer L2

Apr 2022 – Present

- Managing end-to-end responsibilities as a full-stack developer, including frontend and backend development, deployment process, the flow management of git branches and setting up new Linux servers with pm2.
- Developed and maintained scalable, efficient, and secure RESTful APIs with strong understanding of MVC frameworks and middleware integration, implementing JWT for authentication and authorization for multiple roles. Optimized applications for performance, availability, low latency, and designed database schemas with a strong understanding of asynchronous programming.
- Collaborated on the D2C Microsite to enhance form functionality with Formik and Yup, while also implementing efficient data tracking using cookies to integrate new features and enhancements.
- Proficient in debugging and resolving bugs, performing root cause analysis, and delivering high-quality solutions.
- Thrived in a fast-paced, dynamic environment, effectively managing multiple priorities and delivering per schedule.

CDK Global | Academia Programme Trainee

Aug 2021 - Feb 2022

- Experienced in writing reusable, testable, and efficient code, ensuring high system performance and availability
- Developed responsive and interactive user interfaces using HTML, CSS, React.js and TypeScript.
- Learned how to develop a contingency plan to effectively address potential obstacles that may arise during the project.
- Collaborated with cross-functional teams to gather and define project requirements, designing scalable and secure solutions to enhance user experience.

Projects

PLIL Speedbiz Mobile Application

- The Speedbiz Mobile Application enables insurance agents and employees to digitally issue a wide range of insurance policies. It also allows agents to track their policies, generate leads, and issue multiple policies simultaneously to different users.
- TECH STACK: Angular, Ionic, Node, MongoDB, SQL.

PLIL D2C Microsite

- These D2C portals enable users to purchase their desired policies independently, without the involvement of agents.
- TECH STACK: React, Node, MongoDB.

Sansam

- Sansam is a programming language based on Sanskrit that I have designed, along with its interpreters.
- TECH STACK: Python, Compiler Design.

Skills

Languages: JavaScript, TypeScript, Basic Python, Basic Java

Frameworks: NodeJS, Angular, ReactJS, ExpressJS, Ionic, Serverless

Database: PostgreSQL, MongoDB

Technical: Data Structures and Algorithms, Full Stack Development, Basic Machine Learning & Neural Networks

Tools: Git, Postman API, Microsoft Azure, AWS

General: Problem Solving, Team Leadership

Education

GLA University, Mathura

Aug 2019 - May 2023

- Bachelor of Technology in CS with Specialization in AI and ML
- CPI – 8.42

Certifications

- Data Science Foundations - Level 1 – IBM
- Foundations of Artificial Intelligence - Skill-Up Technologies
- Android App Development – Unschool
- Acquiring Data - FutureSkills Prime
- Artificial Intelligence & Machine Learning Graduate - IBM