

ABHISHEK KUMAR GUPTA

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WORK EXPERIENCE

42Gears Mobility Systems | Software Development Engineer - I

July 2023 – Present

- **Performance Enhancement:** Improved API load times by **40%** to enhance user experience Successfully.
- **Technology Migration:** Migrated micro-service to .NET Core API, cutting response time by **40%** and achieving **95%** test coverage with 50+ X unit tests.
- **Database Tools Design:** Designed and developed 3 custom console applications to automate database modifications, reducing manual effort by **30%** and improving data accuracy.
- **Front-End Development:** Enhanced the front-end interface based on customer feedback, improved user satisfaction, and reduced page load time by **15%**.

INTERNSHIP

42Gears Mobility Systems | Software Development Engineer - Intern

January 2023 – June 2023

- **Technology Exposure:** Acquired hands-on experience in 10+ technologies (C#, Dot Net Framework, MongoDB, Kafka, Kubernetes, Nginx, JIRA, Angular, BigQuery, Pub/Sub) through knowledge transfer sessions, allowing immediate contribution to team projects.
- **API Enhancement:** Built and integrated 5+ new APIs, optimized API response times by **25%**, and refactored legacy methods, improving code maintainability and reducing bugs by **15%**.
- **Proof of Concept (PoC):** Integrated iframe technology, increasing responsiveness to UI by **20%** and reducing page load duration by **15%**. Resolved technical challenges, improving project efficiency.

SKILLS

Languages: C#, C++, Python, C, Java (Familiar)

Web Technologies: HTML, CSS, JavaScript, TypeScript

Frameworks: ASP.NET Core, Angular, Django, QT5, NetBeans

Databases: MongoDB, SQL, SQL Server, BigQuery

Tools and Technologies: Jira, GitLab, Grafana, Nginx, Apache Kafka, Kubernetes

Cloud Platforms: Amazon Web Services (AWS): S3, Lambda, Google Cloud Platform (GCP): Pub/Sub, BigQuery

EDUCATION

Chandigarh Group of Colleges Technical Campus

August 2019 - May 2023

Bachelor of Engineering in Computer Science, secured an aggregate of - **79%**

Jhanjeri, Mohali

PROJECTS

TecDrop | Django, AWS, Razor Pay REST API, PostgreSQL, Heroku.

March 2022

- Designed and Implemented a **Web-based** platform enabling users to write and share technology-focused blogs.
- Execute **Pagination** with a maximum limit of 5 technical fact posts on each page.
- Features cover are **Login, Sign up, Adding Profile picture, Adding Tech Blog**, updating your own Tech Blog using **CRUD Operations** which increase Productivity by **80%** of the website.
- The code is open-source at GitHub at the following link: <https://github.com/abhikumar002/tecDrop>.

RELEVANT CERTIFICATIONS

- Programming in adv. C++ : NPTEL, IIT-KGP (NPTEL21CS55S2386008403005270)
- Programming in C : NPTEL, IIT-KGP (NPTEL21CS54S2392015903093193)
- Web Development from Scratch - Eduonix

ACHIEVEMENTS

- Secured 233rd rank in the final round of Innovate India Coding Championship (IICC) in August 2022.
- Solved 500+ problems on LeetCode, Hackerrank, GeeksforGeeks and CodeChef.
- Attained 3rd position in a college-level mathematics quiz competition.