

# Abhishek Gupta

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## SKILLS

### PROGRAMMING

Java • Python • JavaScript • TypeScript

### WEB DEVELOPMENT

Full-Stack • Front-End • Back-End • Angular • HTML • CSS • Bootstrap

### DATABASES

Oracle • SQL • NoSQL • MySQL • SQLite

### TOOLS AND PRACTICES

Git • GitHub • RESTful API • Linux • Agile • Node.js • Express.js • Software Engineering

## EDUCATION

### CONCORDIA UNIVERSITY

MASTER OF APPLIED COMPUTER SCIENCE

Sept 2022 - Jul 2024 | Montreal, QC  
Cum. GPA: 2.9 / 4.3

### SRMIST

BACHELOR OF TECH. IN SOFT. ENG.

Jul 2016 - Jun 2020 | Chennai, TN  
Percentage: 83

## LINKS

GitHub:// [gup-abhi](#)

LinkedIn:// [gup-abhi](#)

TryHackMe:// [zang2012](#)

## COURSEWORK

### GRADUATE

Programming & Problem Solving  
Computer Networks  
Algorithm Design Technique  
Distributed System Design  
Artificial Intelligence  
Software Design Methodology  
Machine Learning

### UNDERGRADUATE

C++ Programming  
Operating Systems  
Relational Database  
Java programming  
Computer Networks  
Python Programming  
Web Programming  
Algorithm Design

## EXPERIENCE

### TATA CONSULTANCY SERVICES | SYSTEM ENGINEER (FULL STACK DEVELOPER)

Aug 2020 - Aug 2022 | Gurgaon, NCR

- Revamped a legacy application into a single-page application, **reducing the load time by 30%**.
- Coordinated effectively with stakeholders, ensuring **daily deliverables** for the project.
- Directed a team of 3 professionals, **successfully completing** 2 project deliverables **ahead of schedule**.
- Implemented a screenshot functionality, **streamlining** defect reporting and task requests to the Jira tool, **increasing** productivity by **20%**.
- Integrated a mail transaction feature, **boosting** user engagement on the tool by **25%**.
- **Architected** a resilient Node.js server infrastructure, enhancing system stability by **reducing server crashes** by **80%**.
- Implemented error handling mechanisms to **maintain database connections on errors**, thereby improving application uptime by **99.9%**.
- Managed deployments of the application on client hosting environments, ensuring **99.9% uptime**.
- Managed application's database tables and queries, **enhancing data retrieval** efficiency by **30%** and **reducing query response** time by **20%**.
- Ensured 100% app accessibility, **enhancing** user experience for all.

## PROJECTS

### TOP 250 MOVIES | CONCORDIA UNIVERSITY

Sept 2022 - Dec 2022 | Montreal, QC

<https://top-250-movies.onrender.com/>

- Developed a full-stack application integrating **Node.js** and **Angular** for robust functionality and **responsive UI**.
- Utilized IMDB APIs for top 250 movies data, enhancing **user engagement**.
- Implemented **SQLite** for efficient data storage and designed **RESTful APIs** for optimal data interaction.
- Employed advanced **design patterns** for code **maintainability** and **scalability**.

### BLOG APP

Apr 2020 - May 2020 | New Delhi, DEL

<https://django-blog-oclq.onrender.com/>

- Developed a dynamic blog site using **Django**, **HTML**, and **Bootstrap**.
- The site features robust **user authentication**.
- Management: Enabled **profile customization** and **post management** for users.
- Integrated a **rich content editor** for an enhanced user experience.

### TIC TAC TOE APP

Apr 2018 - May 2018 | New Delhi, DEL

<https://tic-tac-toe-9jyw.onrender.com/>

- Developed an interactive Tic Tac Toe **Angular** app.
- Implemented game logic and user interface, **improving** user engagement and providing a seamless gaming experience.
- Managed and **resolved** software bugs and issues, ensuring the application runs smoothly and efficiently.