Yash Gupta

+1-647-624-2562 | London, ON | gupta.yash211@gmail.com | https://linkedin.com/in/yash211 | https://github.com/yash211

Experienced Software Development Engineer with expertise in building user-friendly ReactJS components, designing and scaling backend APIs, optimizing API performance, and leading projects. Skilled in TypeScript, Python, Django, and AWS.

Work Experience

Software Development Engineer-I | Cloudesign Solutions Pvt Ltd | *Awards*   *India,* **July 2023–August 2024**

- Built over 20 user-friendly ReactJS components, reducing user onboarding time by 30% and improving satisfaction for a logistics platform with 1,000+ active users.
- Designed and scaled 40+ backend APIs using TypeScript, converted the application to SaaS, and implemented a tenant-based system, increasing scalability and client onboarding by 65%.
- Optimized API performance by merging Django and Python services for BambooHR, reducing response time by 60% and enhancing data integration efficiency.
- Developed presigned URLs for secure file storage using S3 buckets, streamlining file management.
- Led the project, managed client communication, adhered to deliverables, and handled deployments across all modules.

Software Development Engineer | Decimal Point Analytics Pvt Ltd   *India,* **June 2022–June 2023**

- Quickly adapted as a fresher to a full stack role, learning JavaScript, ReactJS, and Node.js, and contributing to 5+ projects within the first 6 months.
- Developed a search-on-search feature for Tiger M&E,efficiently managing 50,000+ data points and creating backend APIs using Django that enhanced data retrieval speed and reliability, garnering appreciation from senior management and clients for improving search efficiency by 75%.

Web Application Developer - Intern / *E-svadhyaya Pvt Ltd* | *LOR*   *India,* **May 2021–June 2021**

- Created a web application through Codeigniter framework which includes PHP and build backend using MySQL language.

Technical Skills

Languages: Javascript, Typescript, Python, C/C++, SQL (MySQL,MoongoDB), HTML/CSS, Dart, JQuery,PHP
Frameworks: React, Node.js, Flask, Django, NestJS, FastAPI, NextJS, CodeIgniter, Flutter, Bootstrap
Cloud: Docker,PM2 process thread,AWS,Azure,Kubernetes,GCP
Libraries: Pandas, NumPy, Matplotlib, Tensorflow, Keras, Axios, Redux
Soft Skills: Collaborative , Problem-solving , Adaptability , Communication , Teamwork , Analytical.
Tools: Postman, Swagger, Git Bash, Jira, ClickUp,

Education

Western University   *London,ON*, **August 2024 – September 2025**
Master Of Engineering in Software Engineering

Thakur College Of Engineering & Technology   *Mumbai,IN*, **August 2018 – August 2022**
Bachelors in Computer Engineering

Projects

Automated Healthcare System using AI Based Chatbot

- Developed an AI-based healthcare chatbot using Python, Flask, and machine learning, showcasing skills in NLP, data processing, and model building.
- Achieved 89% accuracy after training and comparing multiple algorithms, including Random Forest,Decision Tree,CNN and SVM.

Rent Interest Classifier

- Performed feature extraction on property descriptions using DistilBERT and RNN for sentiment analysis.
- Achieved 95% accuracy with Random Forest by balancing data, hyperparameter tuning, and cross-validation.

Achievements

- Among **600(nationally in INDIA)** who passed the NPTEL-Essential Mathematics for Machine Learning exam and **120(nationally in INDIA)** who passed the NPTEL-Introduction to Machine Learning exam held through IIT's.
- Secured a **gold medal** for solving algorithmic problem through C++ at hackerrank portal.
- Published a research paper at IEEE and book chapter on automated healthcare system using AI based chatbot.
- Secured 39th rank among 4,678 participants in machine learning hackathon organized by AmExpert Codelab on hackerearth.
- Solved over 200 problems on data structures and algorithm on leetcode,codechef,geeksforgeeks.