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Lakshya Kalia
Open Work Permit — Willing to Relocate

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EDUCATION

Concordia University   Montreal, QC, Canada
Masters of Science in Applied Computer Science, GPA: 3.3/4.3   *Sep 2022 – May 2024*

Chitkara University   H.P., India
Bachelors on Engineering in Computer Science, GPA: 8.95/10   *July 2016 – July 2020*

SKILLS

Languages: Java, Python, C++, C, JavaScript, TypeScript, HTML5/CSS
Database: SQL Server, MySQL, NoSQL, MongoDB
Frameworks: Angular, React.JS, Spring Boot and Hibernate, NodeJS, JUnit, Numpy, Matplotlib
Other tools: Git, GitHub, JIRA, JSON, REST API, Postman, Agile
Testing/QA Skills: Performance Testing, Functional Testing, Test Automation, UAT, SDLC, STLC

WORK EXPERIENCE

CG Infinity   Noida, India
Full Stack Developer   *July 2020 –– July 2022*

- Played a pivotal role in migrating a legacy server-side **MVC** architecture to a single-page **Angular** application for Alliant Group, achieving a **40%** performance boost and enhancing user interactions.
- Engineered a robust **CMS** for Camillo Properties, enabling **90%** faster content updates with **Angular**, **Node-RED**, and **SQL**, significantly improving property management and data handling.
- Spearheaded the development of a realtor website for Camillo Properties, boosting business revenue by **30%** through the integration of **RESTful APIs**, **TypeScript**, and Google Maps API, ensuring accurate property location mapping and enhancing customer experience.
- Led the redesign of Shell Energy's Partner and Pricing Portal using **ASP.NET Web Forms**, enhancing site reliability.

CG Infinity   Noida, India
Software Developer Intern   *Sep 2019 — June 2020*

- Utilized **Node.js**, **MongoDB**, and web technologies to develop the CG Infinity Portal, streamlining the hiring process.
- Developed a fully functional Reddit clone, implementing features like user authentication, post creation, and comment threads using **HTML**, **CSS**, **AJAX**, **JQuery** and **Express.js**.

PROJECTS

- **Portfolio Website**: Engineered a responsive single-page application (SPA) using **Angular** and **TypeScript** to showcase project highlights, leveraging **HTML**, **CSS**, and **Bootstrap** for dynamic content rendering and optimizing user experience for cross-device compatibility.
- **DealMart - An Ecommerce Website**: Developed a comprehensive e-commerce platform using **Java**, **React.js**, **Spring Boot**, and **Hibernate**, with **MySQL** as the database. The platform features seamless user authentication, intuitive product browsing, efficient cart management, real-time order tracking, and interactive product rating and review capabilities.
- **Disney+ Clone**: Built a Disney+ clone using **React.js** with **Styled Components** for responsive design, **Redux** for state management, and **Firebase** for backend functionality. The platform features dynamic content, seamless user experience, and Google OAuth authentication.
- **Classification of Plant Leaves Classification using Computer Vision and Deep Learning**: Collaborated on the classification of plant leaves using **Python** and **TensorFlow**, incorporating **NumPy** for data manipulation and **Matplotlib** for visualization. The project involved image pre-processing, data augmentation, and transfer learning to optimize model performance, achieving higher accuracy and reduced overfitting.
- **Roboprof**: Developed a virtual assistant using **Python**, **RASA**, and **SpaCy**, integrating **knowledge graphs** and **natural language processing (NLP)** to facilitate student access to university information through conversational AI.