

Kevin Panchal

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Halifax, NS, Canada
kevin.panchal@dal.ca | +1 782 882-4205

SUMMARY

A highly skilled developer with an experience in **React.js, REST APIs, and DevOps**. Proficient with **Python, Java** and **MVC**.

EDUCATION

Dalhousie University <i>Master of Applied Computer Science, current CGPA 4.19/4.3</i>	Halifax, Nova Scotia, Canada <i>Jan 2023 – April 2024</i>
Pandit Deendayal Energy University <i>Bachelor of Technology in Computer Engineering, CGPA 9.5/10.0</i>	Gandhinagar, Gujarat, India <i>August 2018 – June 2022</i>

EXPERIENCE

Software Developer Intern <i>Blue Tech</i>	July 2022 – Dec 2022 <i>Surat, India</i>
<ul style="list-style-type: none">Engaged in Agile software development, enhancing project collaboration and sprint efficiency.Ensured code quality through comprehensive unit testing and proactive detection of code smells.Managed Git version control and oversaw project tracking using JIRA for several concurrent project streams.	
Undergraduate Research Assistant <i>Pandit Deendayal Energy University</i>	Aug 2021 – Jun 2022 <i>Gandhinagar, India</i>
<ul style="list-style-type: none">Conducted research on Churn Prediction and identified the critical factors influencing customer attrition.Researched efficient ways for Digital Watermarking, enhancing multimedia security and access control.Co-authored a research paper on <u>APDCBT vs DCT in Digital Watermarking</u> published in Springer Journal.	
Python Programmer Intern <i>Bhaskaracharya Institute for Space Applications and Geoinformatics</i>	Jun 2021 – Jul 2021 <i>Gandhinagar, India</i>
<ul style="list-style-type: none">Conducted research, collected data, and implemented a decision tree model to predict stock prices.Collaborated with the team, consistently delivering weekly project updates in concise, written reports.	

TECHNICAL SKILLS

Languages	: Java, Python, JavaScript, C++, SQL, HTML, CSS
Frameworks	: React.js, Express.js, Node.js, Spring Boot, Flask, Bootstrap
Libraries	: MaterialUI, Redux, React Router, Axios, Java Database Connectivity (JDBC)
Databases	: MongoDB, PostgreSQL, DynamoDB, MySQL
Dev Tools	: Git, Gitlab, GitHub, Postman, Docker, CI/CD, Kubernetes, Jira, Maven, IntelliJ, VS Code
Cloud	: Amazon Web Services (AWS), Google Cloud Platform (GCP), Terraform
Concepts	: Agile Methodology, Object-oriented Programming (OOPS), SOLID Principle, Microservices, Software Development Life Cycle, DevOps, Test Driven Development, Web Services

PROJECTS

Text Recognition by Air Drawing	Python, OpenCV, HTML, CSS, JavaScript.
<ul style="list-style-type: none">Trained a model for air-drawn handwriting-to-text conversion by a CNN model yielding 98.24% accuracy.Co-authored a research paper on <u>Text Recognition by Air Drawing</u> published in IEEE Xplore.	
MedInterect	Java, Spring Boot, JDBC, HTML/CSS, JavaScript, MySQL
<ul style="list-style-type: none">Adhered Test Driven Development approach, and SOLID principles to structure high-quality scalable codebase.Managed client-developer interactions, implemented CI/CD, and utilized Rest APIs for seamless functionality.	
Cineverse	React.js, Node.js, Express.js, MaterialUI, MongoDB
<ul style="list-style-type: none">Designed and developed an intuitive movie-booking platform that prioritizes user experience.Leveraged the MERN Stack to build a user-friendly website, tailored to a wide range of user personas and use cases.	