Pranav (Van) **Pradeep**

FULL STACK DEVELOPER

73 Marshall St., Waterloo, ON, N2J 2T5

✉ pranavp2810@gmail.com | ☐ (+1) 647-238-9818 | ⌂ pranavp.dev | ☐ shadowp2810 | ☐ vanpp

Summary

Proficient in JavaScript (React, React Native, Node.js) web/mobile full stack, Python (FastAPI, Pandas), PostgreSQL, Figma. Can check out my GitHub (shadowp2810). Also learning DevOps tools like Jenkins for CI/CD, Terraform for IaC and Ansible for automation. I am interested in opportunities to further the business, and contribute to projects that enrich the lives of others. Currently located in Canada and have a Canadian Open Work Permit (PGWP). B.Sc. Computer Science graduate, AWS Certified Solutions Architect Associate, and CompTIA Security+ certified. Dedicated to expanding my technical expertise and ability. Passion for Software Development, and its applications to Design, Finance and Health. Currently open to all opportunities and actively pursuing a role in software development, technology and business analysis, UX Design and Research, and people centric roles.

Certifications

AWS Certified Solutions Architect – Associate (2021-2024)

CompTIA Security+ (2021-2024)

Hackathons

2022	**3rd place**, Hacking Mount Pearl 2022 (Business Recovery)		*NL, Canada*
2022	**Participant**, Dexignathon - Design Development Days'22 (UX Case Study)		*India*
2022	**2nd place**, Decarbonising The Cities Hackathon 2022		*Tampere, Finland*

Skills

JavaScript. Python. React. Node.js. FastAPI. PostgreSQL. Figma. React-Native. Pandas. MySQL. PERN Stack. MERN Stack. UX Research. UI Design. HTML5/CSS3. JIRA. Docker. Rust. Go. TypeScript. Excel. AWS Services (EC2. Lambda. S3. Amplify. API Gateway. ECS. Route53. CloudFront. DynamoDB. AutoScaling. IAM. CloudFormation. AWS RDS.) GraphQL. MongoDB. Terraform. Ansible. Jenkins. Linux. Java. Sketch. Network security. Risk management. Data and host security. Identity management.

Projects and Professional Development

PERSONAL PROJECTS   *2021 - Now*

- Built frontend React part-timers on demand app for Hackathon
- Built frontend React, backend Node.js rewards for second hand items app for Hackathon.
- Built using Python Pandas, Algorithmic Technical Indicators for Cryptos, and a Backtesting engine to test strategies. With it developed a successful trading algorithm for Cryptos that has also been backtested on open source Freqtrade bot.
- Built a Responsive React Admin Dashboard.
- Built a video rental management application with best practices, Font End using React and Back End RESTful API using Express NodeJS and NoSQL MongoDB.
- Built a local market place mobile application using React Native Expo with best practices.
- Built a responsive landing page for a cloud hosting provider with HTML5/CSS3.
- Built a React Native Typescript Twitter Clone and WhatsApp Clone using front-end React Native Expo App for Android and iOS and back-end AWS Amplify, Cognito Auth, S3 Storage, DynamoDB, and GraphQL API based on NotJustDev tutorials. Added to it comments screen with full functionality and custom authentication screen.

PROFESSIONAL DEVELOPMENT   *2021 - Now*

- Udemy: Master Digital Product Design UX Research UI Design by Rob Sutcliffe.
- CodeWithMosh: Complete SQL Mastery by Mosh Hamedani.
- Udemy: Learn JIRA with real-world examples (+Confluence bonus) by Kosh Sarkar.
- Udemy: DevOps in the Cloud with Terraform, Ansible, and Jenkins by Derek Morgan
- Udemy: The Complete SQL Bootcamp 2022: Go from Zero to Hero by Jose Portilla.
- CodeWithMosh: HTML/CSS3, JavaScript, React, NodeJS, React Native. MySQL. Git. Docker.
- Udemy: The Complete Financial Analyst and Excel Course by 365 Careers.

UNIVERSITY PROJECTS   *2015 - 2020*

- Developed a traffic simulator program in Java. Maple to visualize the data to show that even in a no bottleneck scenario, traffic jams can occur.
- Used python to code robot behavior in ROS kinetic.
- Developed a scheduler program with a group using Java.
- Implementation of Search Algorithms and Reinforcement learning using JavaScript.
- Researched UX and designed a new UI for university's mobile app addressing previous shortcomings.
- Worked on team project of single-player 2D platform web game requiring asset creation, game engine and level editor.

Work Experience

P28INKS Apparel Store   *Waterloo, ON, Canada*
CREATOR   *Oct. 2020 - Dec. 2020*
- Set up and management of online Shopify store, and print on demand service for automated order and shipping.
- Design of all apparel and Search Engine Optimization (SEO).

Memorial University of Newfoundland   *St. John's, NL, Canada*
COMPUTER SCIENCE RESEARCH ASSISTANT   *Jan. 2018 - May. 2018*
- Researched and reported on Blockchain, Distributed Systems, IOT, and Cloud Technology.

Memorial University of Newfoundland   *St. John's, NL, Canada*
SOCIOLINGUISTIC RESEARCH ASSISTANT   *April. 2016 - Aug. 2016*
- Detailed transcription of interviews with focus on phonetic shifting.

Education

MUN(Memorial University of Newfoundland)   *St. John's, NL, Canada*
B.SC. IN COMPUTER SCIENCE   *Sep. 2015 - May. 2020*