SOHAM PATHAK

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Knowledgeable entry level Software developer with in-depth knowledge of Java, JavaScript, Python and React. Skillful in developing, optimizing and reworking systems to meet specific customer requirements.

EDUCATION

BACHELORS OF SCIENCE (HONOURS) | UNIVERSITY OF TORONTO, SEP'17-APR'21
- Major in Computer Science
- Major in Statistics (Machine Learning and Data Mining)

EXPERIENCE

SOFTWARE DEVELOPER INTERN | SWIFTSENSE   May'20-Aug'20
- Successfully implemented an interactive dashboard for the IOT devices using KODI TV and Python.
- Utilized Python to handle debugging and automation scripting tasks.
- Used Node-RED and JavaScript to input and compile data gathered from various devices that monitored power consumption.

SOFTWARE DEVELOPER INTERN | VRYTHMS SOFTWARE   May'16-Jul'16
- Successfully implemented REST API endpoint in Java using LAMP, PHP and MySQL frameworks
- Generated a smooth functioning user friendly webpage using HTML/JavaScript/CSS and avoided bugs by performing quality assurance and usability testing on various webpage modules
- Contributed to the full mobile application development lifecycle from planning, requirement, gathering, development and testing using HTML/JS/CSS and MySQL

PERSONAL PROJECTS

PLANIT
- Trip planning and itinerary generation application made using React Native, Python, NGROK, Flask.
- Successfully created more than 6 reusable React Native components as a part of the frontend team of the project.
- Used GitFlow and AGILE methodologies to maintain processes by conducting weekly scrum meetings and 2-week sprints.
- Used NGROK and Expo to deploy, launch and test the application that is compatible with both android and ios devices.

AUTOLEASE
- AutoLease is a person-to-person car loaning and borrowing web app written in Python3 with Flask. This project was built by me and my team in two days at U of T Hacks 2019.
- Used HTML, Bootstrap and CSS to make the frontend responsive and PyMySQL database to store user credentials.
- Integrated Interac e-transfer and Smartcar API to manage transactions between users.

CROWN CLOTHING
- Multi page Responsive E-Commerce website for clothing products made using React, Redux, Firebase, React Hooks.
- Used Redux to scale the application and stripe API to handle payment gateways.
- Used Firebase Firestore to store user credentials and Firebase Auth for authentication.

SKILLS
- **Tools:** HTML, CSS, JS, Flask, ReactJs, React Native MongoDB, NodeJS, Neo4j, MERN, PostgreSQL
- Linux, git, bash
- UI/UX: proto.io, adobe XD
- AWS
- **Languages:** Python, Java, C, R, JavaScript (2 years+)
- **Machine learning**: numpy, matplotlib, Docker