

LOURDES ROASHAN V P

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PROFILE

Developer by profession and a programmer by heart, who has a knack of solving problems and writing clean and efficient code. Love to understand and build full stack applications. Over 2 years of professional experience in the software industry, highly resourceful and a team player. Looking to rapidly grow as a well-rounded software developer and interested in all things scalable and distributed.

TECHNICAL SKILLS

LANGUAGES	C/C++, Java, Python, JavaScript, R, SAP ABAP
WEB	ReactJS, Redux, NodeJS, HTML/CSS, jQuery, SAP UI5
DATABASES	MySQL, MongoDB, SAP HANA
OTHERS	Git, GraphQL, oDATA, Pandas, AWS, Docker

WORK EXPERIENCE

Software Developer | HANATECH INC. – Halifax, NS, Canada Jul'18 - Present

- Improved the existing system by using WebSockets to make real time status updates for checking IoT device statuses.
- Built custom analysis tools with full interactions in JavaScript from scratch for monitoring and analysing energy consumption in buildings.
- Built a scheduler that schedules machines in a brick manufacturing plant to run at optimal times to have the minimum peak for on-demand power('NSPower'). This particular feature saved our clients 1000s of dollars in electricity bills.
- Re-writing (most of) our IoT backend codebase from PHP to NodeJS.
- Being a start-up, I work on almost all sorts of roles, from doing data engineering to full-stack development.

Software Developer | SAP LABS INDIA PVT LTD – Bangalore, India Aug'15 - Jun'17

- Worked primarily with the SAP Hybris Cloud for Customers (C4C) Platform & Integration team.
- Created approx. 70-100 test cases for testing new ODATA services.
- Took end-to-end ownership in architecting and developing a solution that splits ODATA services based on Business Objects in ABAP CRM domain.
- Built a Partner Engagement tool to record potential 'Leads' and 'Opportunity' in the CRM domain, which was used within the organisation.
- As a modern-day web developer, I conducted a workshop for traditional ABAP users to get them up-to speed on SAP UI5, a modern web front-end framework by SAP.

Achievements:

- Won the '**Stay Curious**' award for my technical contributions

- Worked on building Event Management web applications with HTML/CSS, jQuery and Bootstrap.
- Collaborated with members remotely and was recognised to lead the intern team.

PROJECTS

DEVLOG – DEVELOPER CONNECT

2016

Tech: ReactJS, Redux, NodeJS, Express, MongoDB

- Built an end-to-end, feature rich, social network platform meant only for developers with easy 'GitHub' integration and enables developers socialize in a Facebook-like environment.

SMUTTER

2018

Tech: C#, ASP.NET, HTML/CSS, Bootstrap

- A web application done in C# and ASP.NET that is a minimal clone of twitter exclusively for Saint Mary's University students and professors.

FANTASY FOOTBALL LEAGUE

2017

Tech: SAP UI5, ABAP, ODATA

- Developed a full stack web application from scratch that simulates the experience of a league football into a fantasy league web application using ODATA in ABAP and SAP UI5

TWITTER SENTIMENT ANALYSIS

2015

Tech: Python, Scikit-Learn, NumPy, SciPy

- Analyzed the performance of Naive Bayes Classifier of twitter sentiments as a part of my bachelor thesis.

AWARDS AND ACTIVITIES

2nd PLACE Retail Hackathon | Saint Mary's University

2018

- Built a sales optimiser using the dataset given by Atlantic Lottery Corp.

OPEN DATA HACKATHON | Government of Nova Scotia

2018

- Built a statistical solution to provide better mental healthcare in Nova Scotia.

GAME HACKATHON | Global Game Jam - Volta Labs, Halifax

2018

- Helped make a zombie game using Unity, with no prior experience in game development.

1st PLACE | Web Designing – NIIT, India

2012

- Built a minimal frontend of a blogging system in just over an hour.

VOLUNTEER EXPERIENCE

Conversation Partner | SAINT MARY'S UNIVERSITY – Halifax, NS

Jun' 18 - Present

- Met weekly with an English as a Foreign Language group to help international students improve their English oral communication skills.

Teaching Assistant - Marker | SAINT MARY'S UNIVERSITY – Halifax, NS

Jan - May' 18

- Marker for **Data Structures & Algorithms** for the Mathematics and Computer Science department. Language: C++

EDUCATION

MSc in Computing and Data Analytics | SAINT MARY'S UNIVERSITY – Halifax, NS

Jan' 18 - Present

- Graduate Merit Scholarship (\$5000)
- **Expected Graduation Date:** December, 2018

Courses:

- Business Intelligence
- Managing & Programming Databases
- Data Mining
- Web Development

B.E in Computer Science | Loyola-ICAM College of Engineering & Technology
- Chennai, India

Aug' 11 – Apr' 15

- Awarded to be Computer Science Department Student Secretary

Courses:

- Data Structures and Algorithms
- Theory of Computation
- Object Oriented Programming
- Discrete Mathematics