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, HTML5/CSS3, jQuery, SAP UI5
DATABASES	MySQL, MongoDB, SAP HANA
OTHERS	Git, oDATA, Pandas, AWS, Docker

WORK EXPERIENCE

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

- Improved the performance of the dashboard using web sockets to make real-time status updates on IoT devices.
- Built an analytics dashboard that rendered 30% faster than the previous version.
- Wrote a scheduler to help minimize demand peaks in electricity bills (NS Power) which helped our client save approx. 8% on electricity bills.
- Re-writing legacy codebase from PHP to NodeJS.
- Being in a start-up, I work on flexible roles, from 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.
- Automated to create around 80-100 test API endpoints 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

Web Developer Intern | FASHIONMODE, UK **–** Remote (Chennai, India)   Jun – Sep '14

- 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   2018
Tech: ReactJS, Redux, NodeJS, Express, MongoDB – (In Progress Side Project)
- Building 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

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.

1st PLACE | Web Designing – NIIT, India   2012
- Built a minimal frontend of a blogging system in just over an hour.

EDUCATION

MSc in Computing and Data Analytics | SAINT MARY'S UNIVERSITY – Halifax, NS   Jan' 18 - Present
- **Awarded** the 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   Aug' 11 – Apr' 15
- Chennai, India
- **Awarded** to be Computer Science Department Student Secretary

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

VOLUNTEER EXPERIENCE

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++**