Romain Lavoix

Software Engineer with a decade of experience in shipping well-designed and performant web applications at scale.
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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 10 years of experience in shipping web applications and enterprise systems. Currently looking for a contractor position as a Front End Engineer.

WORK EXPERIENCE

TealForge | Cofounder, Software Engineer
Sep 2019 - Jun 2020 | Noumea, New Caledonia

- Developed and managed the project delivery of [Testeum](#), a crowd testing platform powered by the Blockchain. The project is currently being tested across 26 countries and is in search of seed money. J2EE, React, JHipster, Postgres, Solidity.

ClacTaCom | Cofounder, CTO
Jan 2017 - Dec 2019 | Noumea, New Caledonia

- Cofounded an agency which developed software in collaboration with the local incubator [ADECAL](#).
- Designed and developed [Qwarx.nc](#), a full-featured search engine written from scratch for the New Caledonian market which saw 15,000 monthly visitors. The product was featured on the first page of the local newspaper, and got official support from an elected official. React, Next.js, AWS, Scrapy, Python, Algolia, Cloudinary, Headless CMS.
- Designed and developed the front end of [Rendezvous.nc](#), the de facto appointment booking system in New Caledonia. I was responsible for technical coordination with a back end developer, and did project management with the client. React, Next.js, Material UI, Figma, Swagger.

Octo Technology | Software Engineer
Mar 2016 - Aug 2016 | Sydney, Australia

- Developed a custom made [API Gateway](#) for Qantas, in an effort to bring together external and internal data and migrate to microservices. The platform is used by thousands of employees. AWS, Node, NGINX.
- Delivered a migration plan for the Australian Mutual Provident Society, from 2 native mobile applications to a single React Native application. The results helped the company reduce its mobile app development cost.

CAFAT | Technical Architect
Jan 2015 - Jun 2015 | Noumea, New Caledonia

- Integrated a Business Process Management Platform (Bonita) in a Java/AS400 environment, used today by hundreds of public servants in the health care sector.

Calypso Technology | Software Engineer
Jun 2010 - Jan 2014 | San Francisco, USA

- Deployed risk analysis solutions for private banks (Goldman Sach, Morgan Stanley, Natixis…) under a strict SLA. Resolved 100+ critical incidents.
- Developed and maintained a risk analysis tool with hundreds of inputs and complex market data.
- Wrote high performance Java code, reduced the analysis time on a multi-tier system by 10 fold.
- Initiated an automatic integration test generator. Covered 95% of the code base and reduced critical incidents by 50%.
- Integrated and trained an intern, into a junior software engineer position in 6 months.

INTERNSHIPS

Siemens | Software Engineer Intern
Jun 2007 - Dec 2007 | Bangalore, India

- Developed an automatic test generator using UML Diagram, as an Eclipse Plugin in JAVA.
- Highly selective (only 2 positions available for 200 students) internship offered by EPITA.

SKILLS

Programming Languages
JavaScript, HTML5, CSS3, Python, Java

Technologies
Front end: React, Next.js, Node.js, Express, Webpack
Back end: Scrapy, Firebase
Platforms: Amazon Web Services, Google Cloud Platform, Algolia, Cloudinary

EDUCATION

Master of Science in Software Engineering
École Pour l'Informatique et les Techniques Avancées ([EPITA](#))
Jun 2003 - Jun 2009
GPA: 3.5/4.0

AWARDS

New Caledonia [Hackathon](#), 2017 | Jury special award, out of 50+ participants

- Built a real estate prototype tool inspired by walkscore.com for Noumea, from gigabytes of open data, in 35 hours. The tool was meant to help people choose their ideal neighborhood based on various criteria.