Rodrigo Tosta

Software Engineer | Mobile Web Specialist & Architect

Single, 19 February 1984
Brazilian and Australian nationality

20+ years job experience
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Portfolio

Check out my portfolio to learn more about my latest skills, experience, and hands-on projects built using different technologies.

Portfolio: http://rodrigotosta.me

About me

I fill up the gap between business goals and human needs, leveraging my curiosity, experience, and knowledge to identify valuable insights and create functional, well-structured applications.

I'm a software consultant specializing in Product Analytics and Software Engineering, with a strong background in cutting-edge technologies.

I was born and raised in Brazil, where I graduated and gained valuable experience working with large organizations to encourage collaboration.

In 2012, I started a new cycle in my life moving to Australia. Since then, I became an Australian citizen and have had the privilege of working with amazing professionals from all over the world.

What can I offer

- **Web & Mobile Specialist**
  Develops responsive, high-performance applications using modern frameworks and architectural patterns, resulting in increased user engagement and satisfaction.

- **Data Processing and Database**
  Cloud containers used to collect and handle large amounts of data from different sources, maintaining a well-organized and cleaned data warehouse.

- **Clean Architecture**
  Techniques and strategies used during the development to reduce the development time and improve product quality.

- **Serverless Application**
  Builds serverless cloud applications using AWS services and infrastructure as code (IaC).

- **Responsive & Adaptive Designs**
  Develops cross-browser, responsive web components from complex UX designs.

- **E2E Software Development**
  Leverages technology to solve human problems and build cost-effective, scalable applications for businesses (developing from the ground up).

Education

Software Engineering
Centro Universitario Fundacao Santo Andre
Sao Paulo, Brazil
Course attended from 2003 to 2007

Diploma of Project Management
Academies Australasia
Sydney, Australia
Course attended in 2013

Latest technical skills

- **Programming Languages**
  Extensive hands-on experience leading applications with end-to-end solutions.
  Angular, Vue 3, Nuxt, React, NextJs, SSR, SSG, State Management, NodeJs, TypeScript, Rest API.

- **UI / UX Design**
  Ability to translate UX designs into functional web applications.
  Responsive design, adaptive design, cross browser and devices, Figma, Material Design, Sass.

- **Data Processing & Database**
  Data cleaning techniques for relational and non-relational database modeling.
  Microsoft SQL Server, MySQL, Firestore, Firebase, Mongodb, PostgreSQL, Python.

- **AWS Cloud Services**
  Leveraging serverless architecture for cloud applications using AWS services and Terraform for infrastructure as code management.
  API Gateway, Lambdas, CloudWatch, Cognito, AppSync GraphQL, DynamoDB, ECR/ECS, Step Functions, Bedrock.

My most recent roles

TalentFirst.ai - (2020 - 2023)
Sydney, Australia (remote)
Position - Software Engineer

Collaborated with worldwide developers and top professionals from companies like TalentFirst, Koba Insurance, Garvan Institute, and Telstra Australia to turn startup ideas into reality, delivering high-performance solutions through complex serverless applications, agile methodologies, and MVP processes

Technologies

React, Vue, NextJs, Progressive Web Application, NodeJs, MEAN / MERN Stack, NoSQL Databases, Relational Databases, AWS Cloud Services, Terraform, Python

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Appliances Online / Winning Group - (2017 - 2020)
Sydney, Australia
Position - Software Engineer

At Winning Group, a leading technology, logistics, and retail company, I worked as a software engineer on one of Australia's highest-traffic e-commerce sites, focusing on web/mobile development, responsive design, cross-browser compatibility, and performance optimization.

Technologies

Angular 2+, Angular NX, NgRx, RxJs, TypeScript, NodeJs, Figma, Material Design, Progressive Web Application.

Australia employment history

Nextgen Gaming / SG Digital (2013 - 2017)
Sydney, Australia
Position - Software Engineer and R&D Engineer

SG Digital was the combination of NYX Gaming Group, OpenBet and Scientific Games Interactive, the three biggest providers of online casino gaming software, offering to customers the widest portfolio of content available.

Led the development of an innovative framework for slot game creation using JavaScript/TypeScript and modular architecture. Also created the Games Hub project to speed up development and improve company processes and integrations.

Technologies
Microservices, NodeJs, Angular 2+, PixiJs, NoSQL Databases, Relational Databases, Firebase and AWS Services.

Limpid Logic - (2012 - 2013)
Sydney, Australia
Position - Software Engineer

Limpid Logic, a dynamic company in technology, creativity, and entertainment, provided me my first opportunity in the Australian market. I worked with visionary professionals on applications, games and prototypes allowing me to develop a deep understanding about Australia culture.

Technologies
NoSQL Databases, Relational Databases and Python

Brazil employment history

Suzano Pulp and Paper - (2010 - 2012)
Sao Paulo, Brazil
Position - System Analyst / Web Project Manager

Suzano, the largest pulp and paper company in South-America, invests in technology to automate processes and improve communication. I was responsible for analyzing business logic, designing application architecture, and collaborating with stakeholders to solve technical issues and implement internal processes/applications.

Technologies
Microsoft .Net, SQL Server, SharePoint, SharePoint Designer

Pirelli Tyres - (2005 - 2010)
Sao Paulo, Brazil
Position - e-Business System Analyst / Web Developer

Pirelli, a multinational combining tyres and technology, helped elevate my career. I was responsible for Intranet and B2B applications across Latin America, working on SAP integrations, databases, and reports for business insights. I also contributed to organizing roadmaps, analyzing company challenges, and developing and implementing system solutions.

Technologies
Microsoft .Net, SQL Server, SharePoint, SQL Server Integration Services (SSIS), Reporting Service, SAP.