



IGNAZIO CASTROGIOVANNI

Contact

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Australia

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Status

Australian Permanent
Residency

Italian Citizenship

Summary

Senior Software Developer specialising in back end development. Experienced with all stages of the development cycle. Well-versed in numerous programming languages. Strong background in cloud computing. Knowledgeable of mobile cross-platform application development.

Key Skills

- Excellent programming skills specializing in Java.
- Industrial experience in C++
- Familiar with JavaScript, Node.js
- Strong software designing skills
- Excellent verbal and written communication skills
- Dedicated to the production of readable clean code
- Committed to releasing high quality code through the implementation of thorough automated testing

Education

Master's Degree

Computer Engineering for the Intelligent Systems – 2011
110/110 cum laude - **First Class Honours with distinction**
Università degli Studi, Palermo, Italy

Bachelor's Degree

Computer Engineering - 2007
107/110 - **First Class Honours**
Università degli Studi, Palermo, Italy

Experience

Co-founder / Software Developer

11/2018 to present

Kinkajou network, Sydney / location independent working

- Ideation of framework of web and mobile applications
- Design and implementation of mobile applications
- Configuration of Continuous Integration platform
- Collaboration with UI/UX designer
- Implementation of unit tests

Technology: React Native, Redux, jest, AppCenter



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Experience (continued)

Senior Software Developer

12/2015 to 11/2018

Rice Warner, Sydney

- Collaboration with project stakeholders to clarify software requirements and plan project roadmaps
- Participation in white board design sessions with the development team
- Development of greenfield projects through requirement analysis, software design and implementation
- Collaboration with DevOps to assist with the release of software into production environment
- Involvement in meetings with customers to demo products, clarify doubts and address issues
- Maintenance of software including development of new features and bug fixing
- Analysis and improvement of application performance
- Joint working with remote team
- Mentoring of other developers on clean code best practices and software design fundamentals
- Participation in recruitment and interviewing of new staff including junior and senior developers, and technical leads

Technology: Java, Spring, REST, JUnit, Jenkins, Swagger, SQL, AWS, AngularJS

Market Research Interviewer / Software Developer

05/2015 to 12/2015

McNair Ingenuity Research, Sydney

- Conduction of Italian and English market research interviews
- Coding of questionnaires
- Fixing application bugs
- Software development

Technology: C#



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Experience (continued)

Software Developer

07/2012 to 11/2014

Pebble Beach Systems, Weybridge, United Kingdom

- Analysis and design of modular software
- Exposure to the S.O.L.I.D. principles of software design and design patterns
- Strong collaboration with a team of more than 20 developers in a highly structured and productive Agile SCRUM environment
- Production of highly performant code for mission critical broadcasting applications
- Implementation of device drivers
- Effective communication with Support Engineers around the world to investigate and debug application crashes

Technology: C++, QT, REST, Java, SQL

Programmer

09/2010 to 06/2012

Neomedia S.R.L., Palermo, Italy

- Requirements gathering
- Fixing of website bugs
- Implementation of static websites

Technology: HTML, CSS, JavaScript, SQL

Math and Programming Tutor

10/2007 to 06/2009

Freelance, Palermo, Italy

- Tutoring high school students

Projects (see personal website)

Kinkajou pouch – Mobile App Development (2019)

Daily Budget Calculator – demo available on request

Technology: React Native, Redux, AppCenter

Compound Interest Calculator – Alexa Development (2018)

Simple Compound Interest Calculator – live

Technology: Node.js, Aws Lambda

Geography – Alexa Development (2018)

Simple Geography Quiz - live

Technology: Node.js, Aws Lambda



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Certifications

AWS Certified Solutions Architect

Design of available, cost-efficient, fault-tolerant and scalable distributed systems on AWS

AWS Certified Developer

Development and maintaining of AWS-based applications

Data Structure and Algorithms Specialisation – currently enrolled

MOOC specialization held by the University of California San Diego

References

References available on request