Arnaldo Crescente

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I am seeking a challenging job opportunity in a dynamic and innovative environment where I can apply my skills and make a significant impact. I enjoy working with modern technologies and stacks; I have no particular preferences. Recently, I have worked with C++, Java, and dSpace in the Automotive sector. However, the technologies I prefer are:

- ☺ SaaS services
- ☺ Node.js, Express.js, Nest.js, Typescript, React, React Native, Next.js, Angular
- ☺ Python, FastAPI, Django, Tornado, Flask
- ☺ AWS, I love working with many serverless services and using IaC for deploying various environments
- ☺ CI/CD
- ☺ Docker, docker-compose, and Kubernetes
- ☺ Non-relational databases like DynamoDB and MongoDB, relational databases like Postgres, and Key-Value storage like Redis
- ☺ Event-driven tools like Kafka, ZeroMQ, PubSub, WebSocket
- ☺ Performance optimization in both frontend and backend

I write code following "Clean Code" guidelines and employing various approaches to ensure maintainability. I actively study outside of work hours to find the best solutions and stay updated on the latest advancements. I enjoy being involved in team training and aspire to work as a Senior Full Stack Engineer or Technical Leader. I am open to new challenges, motivated to grow professionally, and eager to contribute to the company's success.

Experience

FEBRUARY 2024 – PRESENT
P&P Solution Architect @ Kineton srl, Napoli
Within the "Product and Platform" unit, I am responsible for designing and developing innovative SaaS and cloud-based microservices solutions. My role involves utilizing various languages and frameworks such as Typescript, Nestjs, Python, and FastAPI. Additionally, we leverage a wide range of AWS services and Infrastructure as Code (IaC) practices to ensure scalability and reliability of our infrastructures. For the frontend, we employ technologies like React and React Native, strictly implementing Typescript to enhance code maintainability and scalability. This approach enables us to deliver innovative and high-quality solutions.

SEPTEMBER 2023 – JANUARY 2024
Automotive Cloud Specialist @ Kineton srl, Napoli
Coordination and development of an application for planning and automating tests in the automotive sector. I was responsible for requirements gathering, documentation writing, and long-term GANTT chart production. The technologies I used include Java, Java Play Framework, Angular, Docker, CI/CD, AWS, Amazon ECS, Amazon RDS, Postgres, Redis, Kafka, Python, Grafana, and dSPACE.

JANUARY 2022 – JULY 2023

R&D Expert Full Stack Engineer @ Kineton srl, Napoli

I mainly worked on the development of the cloud infrastructure for the Kinecar and KYMS projects, and the creation of the cloud solution for KineBrain. I also took care of team training. The technologies used include IaC with AWS CDK, serverless architectures, API Gateway, Cognito, Lambda, IoT Core, DynamoDB, S3, AppSync, multi-tenant SaaS solutions, React, Redux, Typescript, AWS Amplify, Node.js, GraphQL, API REST, frontend and backend testing, CI/CD, Sentry, and Microsoft Clarity.

JANUARY 2020 – DECEMBER 2021

Senior Full Stack Engineer @ Bit4id srl, Napoli

I developed and designed new cloud solutions for digital identity management, including an authentication microservice shared between various applications and a new portal for organizing and planning digital signature workflows with videoconferencing and live updates. I also handled deployment in cloud and on-premises environments. The technologies used include Angular, Redux, Sass, Python (Django, FastAPI, Tornado), API REST, MongoDB, Postgres, AWS (Lambda, EC2, S3, API Gateway), Serverless Framework, Nginx, Docker, Redis, unit tests, and integration tests.

MARCH 2017 – DECEMBER 2019

Full Stack Developer @ Bit4id srl, Napoli

I handled the development of new features and the management of the SigningToday solution, deepening my knowledge of concepts such as cryptography, digital signature, and digital identity. I also managed relationships with various clients for requirement gathering, development, and support. The technologies used include JavaScript, KnockoutJS, Sass, Gulp, Postgres, Python (Django, Tornado, Flask), API REST Design, SOAP, Docker, Nginx, Redis, and SaaS.

APRILE 2015 – FEBBRAIO 2017

Full Stack Developer @ Bitaly SAS, Roma

I developed technological solutions for clients in the media and military sectors, including web applications (PHP, Laravel, JavaScript, jQuery, Sass, Gulp), real-time applications in C and C++, and Windows desktop applications with Xamarin and WPF using the .NET framework and C#. And, I developed a CMS for the sale of metal sheets that allows the choice of customized cuts directly on the website with a preview. Technologies used include PHP, Laravel, JS, jQuery, CSS.

Education

MARCH 2016

Degree in Computer Science @ Università degli Studi di Napoli Federico II, Napoli

Thesis: "Development of a Mobile Application for Bike Sharing in Naples for Windows Phone Devices"

Hobbies

Rugby • Cucina • Trekking • Fai da te • Chitarra • Viaggi • Tecnologia • Le sfide 😄