Brussels, Belgium
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Emanuele Cammarata

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I'm a full-stack software engineer with a passion for crafting impactful mobile experiences, scaling systems to new heights and delivering rock-solid applications. My current interests are solution architectures, encompassing both cloud and microservices domains.

Work Experience

Middle Software Engineer	**Proximus**	**Gen 2022–Present**
Telco team	Brussels, Belgium	

- Frontrunner in the upcoming native environment of the company
- Built the Telco environment from start to release
- UI Expert multi-team focal resource
- Documentation and knowledge sharing top valued person
- React Native developer in most advanced development practices team
- Great team player with outstanding contribution yearly reviews and peer feedbacks

Software Engineer	**Moneynet**	**2021–2022**
Transactions team	Palermo, Italy	

- Restructured transaction process with scheduled tasks
- Built loan data aggregation process with mail notifications
- Managed DB and server tasks
- Unit and integration testing

Projects

- **Webmaster using Wordpress:**
  I'm maintaining three different websites to forge my skills with Wordpress, two of them are personal hobbies and one is for a design artist E-Commerce using Woocommerce. With these projects I tackled challenges from copywriting to UI layout and SEO.
- **Fullstack Javascript Website:**
  Restructured a website from HTML-CSS-JS to fullstack Javascript using React.JS,NodeJS and MongoDB
- **Recoverability In AWS:**
  Tackled the challenge of creating highly available solutions to common use cases. I built a Multi-AvailabilityZone, Multi-Region relational database setup and integrated it across multiple geographically separate AWS regions connecting and communicating with EC2 containers. Additionally, I incorporated estimations of RTO (Recovery Time Objective) and RPO (Recovery Point Objective) to enhance the project's resilience. Completing the circle, I also developed a website hosting solution through S3 that's versioned, ensuring that any unexpected data destruction or accidents can be swiftly and easily undone. This hands-on experience has deepened my understanding of AWS services.
- **Design, Provision and Monitor AWS Infrastructure at Scale**:
  Dived into cost optimization and scalable infrastructure using AWS tools. I learned to identify cost-effective best practices, modernize traditional setups for performance, and explore serverless options when appropriate. Plus, I've finally mastered provisioning and de-provisioning infrastructure with AWS CLI and Terraform.

Technologies and Languages

- **Languages**:   Java, Spring, React.js, React native, Angular ,NodeJS
- **Technologies**:   MySQL, AWS, Git, Mendix, MongoDB, Lambda, Wordpress
- **Methodologies**: Agile, Scrum, Waterfall

Education and Certifications

- **B.Sc. Software Engineering ,** University of Palermo, Italy.
- **AWS Cloud Architect - Nanodegree Program ,** Udacity
- **Microservice Architect,** Arcitura Education
- **Microservice Professional,** Arcitura Education
- **Machine Learning Specialist,** Arcitura Education
- **Artificial Intelligence Specialist ,** Arcitura Education
- **Mendix Rapid Developer,** Mendix

Other Sections

- **Volunteer work** - Telethon selling chocolates for cancer research
- **Language spoken** - Italian, English, French

Interests

- Avid Dungeons & Dragons enthusiast and Dungeon Master
- Combat sports and watercolor painting