

PAULINA OSIKOYA

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Profile Summary

Experienced Cloud Network Engineer with a strong background in software and electronic engineering, currently enhancing cloud solutions at Intel Corporation. Skilled in Agile Project Management, with a profound knowledge of TCP/IP protocols and proficiency in multiple coding languages. Demonstrated leadership in student union roles and excellence in community volunteering.

Work Experience

Jan '19 –Present: Intel Inc

Role: Cloud Network Engineer

Duties:

- *Lead on the Intel Power Manager project, demonstrating significant advancements in cloud networking and system optimizations.*
- *Spearheaded development efforts, contributing to open-source initiatives and improving network performance and security. In-depth knowledge of the architecture of Apple products and iOS operating system.*

July '18 –Present: Apple Inc

Role: At Home Technical Support Advisor

Duties:

- *Troubleshooting technical software and hardware issues on the customer's device/s.*
- *Logging the customer's cases and resolving the issues at hand.*
- *In-depth knowledge of the architecture of Apple products and iOS operating system.*
- *Liaising with area team manager and working as a team to achieve goals.*

Education

2016-2020: BEng. (Hons) in Software and Electronic Engineering (Joint Major)

Galway-Mayo Institute of Technology

Key Modules: Software Engineering, Network Programming, Cloud Computing, Digital Signal Processing

Result: Honours

2016: Mercy Convent, Tuam, Galway, Leaving Certificate, (450 points)

Projects

- **Intel Power Manager:** *Improved cloud solution efficiencies and network optimizations.*
- **Duolingo Clone:** *Developed using React Native, focusing on UI/UX and data persistence.*
- **CI/CD automated pipeline (GitLab):** *Led a team to build a continuous delivery pipeline for a Java software project*
- **API:** *Currently working on a group project building an API which, emulates Reddit using Agile software development. It is presently being written in python. it includes the utilization of the SQL server and uses raw JSON requests and responses.*
- **Electronic Braille Device:** *An Electronic device built using (APM), interfaced with a speech synthesizer micro controller which, I hardcoded in coding languages C and C++ to aid visually impaired people in learning the sequential language of braille. I also created a website using*

HTML, CSS and JavaScript to display my project. My project is networked and can also be controlled over Bluetooth and Wi-Fi.

- **Wi-Fi Robotic Controlled Car (Robo Car):** For my 1st year project I constructed a robotic car with collision detection and autonomous control. I wrote the code for my project in C and Arduino C which was the embedded code for the autonomous control. I also developed a website where I could also control my robo car.

Key Skills

Problem Solving Skills: Problem-solving developed through technical project management and leadership roles, including detailed work in cloud network engineering and as a class rep

Communication Skills: Enhanced verbal and written skills demonstrated in diverse professional environments, presentations, and collaborative projects. Fluent in English and German, with working proficiency in Spanish and Portuguese, B2 Certification in German, Goethe-Institut e.V., Nov 2017

Programming Skills: Extensive experience in web development and networking, proficient in Linux OS, C/C++, Java, Python, and currently expanding expertise in Golang.

Mathematical skills: Strong background in applied mathematics, currently assisting in educational mentoring for younger students, reflecting continued enjoyment and expertise in the subject scoring a 1st class overall in final year

Certifications: Kubernetes for Developers, The Linux Foundation, Dec 2023, Certified ScrumMaster® (CSM), Scrum Alliance, Dec 2021

Languages: English (Native), German (Native), Italian (Working proficiency), Portuguese (Working proficiency), Spanish (Working proficiency), Yoruba (Native)

Interests and Achievements

- GMIT's International officer for international students, 2017 – 2020
- Class rep for my course of study
- Came third place in the Cisco jam coding competition 2018
- Involved in many non-profit fundraisers in my area such as the fun run for Tuam Cancer Care, 2017 and actively volunteering in Saint Vincent De Paul

Referees

Des O'Reilly, Head of Department of Electronic and Electrical Engineering, Galway-Mayo Institute of Technology, Galway, +353 086 179 7384, des.oreilly@gmit.ie

Bebhinn Langan, The Clayton Hotel, +353 086 193 7907, bebhinn.langan@tfrecruitment.ie

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To whom this may concern,

I am reaching out to express my strong interest in the software engineering internship role within your esteemed company. With a solid foundation as a Cloud Network Engineer at Intel Corporation, where I have been integral in leading and enhancing the Intel Power Manager project, I am eager to bring my expertise in cloud networking, system optimizations, and collaborative project management to your team.

Throughout my academic tenure at Atlantic Technological University, complemented by diverse roles within the tech and service sectors, I have cultivated a robust skill set that includes advanced programming, networking, and exceptional problem-solving capabilities. My involvement in various projects, from autonomous robotic systems to innovative cloud solutions, underpins my practical and theoretical knowledge in the field.

I am drawn to this opportunity to further my career while contributing to your company's success through innovative engineering solutions and dedicated teamwork. Candidly, I would like to express my sincere aim to join your highly reputable company with a view to gaining further exposure to a more advanced technological environment and to continuing developing my existing transferable skillsets.

Should you like to discuss my suitability for the internship position, you may reach me through the contacts provided above. I am available at your convenience and look forward to hearing from you. Meanwhile, I would like to express my sincere appreciation for taking the time to read my application and curriculum vitae and wish you all the best with the recruitment process. Thanking you.

Yours sincerely,
Paulina Osikoya
March 2024