JANE SMITH

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Ms Samantha Lee   1 April 2024
Talent Acquisition Advisor
ABC Company
Level 8, 15 King Street
Sydney, NSW 2000

Application for Software Engineer Position

Dear Ms Lee,

I am excited to apply for the Software Engineer position at ABC Company. With my skills, experience, and passion for software development, I believe I am a great fit for your team.

I recently graduated with a degree in Computer Science from XYZ University, where I gained expertise in programming languages such as Java, Python, and C++. During my time at university, I completed multiple projects, including developing a web-based e-commerce application and a machine learning model for image recognition. These projects have helped me develop strong problem-solving and critical-thinking skills, which I believe are crucial for a successful career in software engineering.

In addition to my academic experience, I also completed an internship at DEF Company, where I worked on developing a mobile app for their clients. I gained experience in using Agile methodologies, collaborating with a team of developers, and communicating with stakeholders. I believe my experience at DEF Company has prepared me well for a full-time software engineering role.

At ABC Company, I am particularly interested in the opportunity to work on developing innovative software products that can solve real-world problems. I am confident that my technical skills, creativity, and ability to work well in a team make me a strong candidate for this position.

Thank you for considering my application. I look forward to the opportunity to further discuss my qualifications with you.

Yours sincerely,

Jane Smith

Jane Smith

A recent graduate who is passionate and proficient in programming.

✉ career.smith@outlook.com 👤 janesmith.github.io in Jane Smith ⚲ Jane Smith

Education

University College London   **Sept. 2022 – Sept. 2023**
Master of Science in Computer Science, Merit   *London, UK*
- Master's thesis: *XXX* [repo]
- Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Web Development

University College London   **Sept. 2022 – Sept. 2023**
Bachelor of Science in Computer Science, First Class Honours   *London, UK*

Experience

ABC, Inc   **Feb. 2021 – Sept. 2021**
Algorithm Research Intern   *London, UK*
- Developed and maintained the company's core web application using technologies such as React, Node.js, and MongoDB.
- Contributed to the development of several other applications, including a customer relationship management tool and a project management tool.
- Designed and implemented various APIs to integrate with external systems, such as payment gateways and marketing automation tools.

University College London   **Feb. 2021 – Sept. 2021**
Research Assistant   *London, UK*
- Spearheaded the development and ongoing maintenance of the organization's central web application, leveraging cutting-edge technologies like React, Node.js, and MongoDB.
- Played a pivotal role in crafting multiple applications, encompassing a customer relationship management platform and a project management tool, among others.
- Orchestrated the design and deployment of diverse APIs, facilitating seamless integration with external systems like payment gateways and marketing automation tools.

Projects

MovieF finder | *React, Node.js, MongoDB* [repo]
- Web application for searching and browsing movie titles, with functionality for user ratings and reviews.
- Designed and implemented the UI UX, as well as the backend API and database structure.

Movie Recommendation Engine | *Python, Pandas, Scikit-learn, Flask*
- Developed a movie recommendation engine using collaborative filtering and matrix factorization techniques.
- Built a web interface with Flask that allows users to input their movie preferences and get personalized recommendations.
- Used Pandas for data preprocessing and Scikit-learn for model training and evaluation.

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Skills

Languages : Cpp, Python (NumPy, PyTorch), Java, HTML

Frameworks/Tools : Git, GitHub