Andree Rocher

Professional Title

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### ****Professional Summary****

Results-driven and highly skilled Python Developer with 5 years of professional experience in backend development, automation scripting, REST API design, and cloud deployment. Proven track record in developing scalable, high-performance web applications and backend services. Adept in Agile environments with a passion for writing clean, maintainable code and mentoring junior developers. Strong analytical and problem-solving skills with a deep understanding of system architecture and software development life cycle (SDLC).

# Professional Experience

#### **Senior Python Developer**

**ABC Tech Solutions – Singapore**  
March 2021 – Present

* Led development of a Django-based SaaS platform serving 50,000+ users, improving performance and reliability.
* Designed and implemented REST APIs for mobile and web applications, reducing server load by 30%.
* Integrated third-party APIs (Stripe, SendGrid, AWS S3) for payments, notifications, and file handling.
* Migrated legacy monolith application into modular microservices using FastAPI.
* Set up CI/CD pipelines using GitHub Actions and Docker, resulting in 2x faster deployment times.
* Collaborated with product managers and designers in Agile sprints and performed code reviews.
* Mentored and coached a team of 4 junior developers.

#### **Python Developer**

**Innovate Digital Pte Ltd – Singapore**  
January 2019 – February 2021

* Developed Flask-based microservices to support internal HR and finance automation tools.
* Built custom data extraction and reporting tools using BeautifulSoup and Pandas.
* Implemented automated test cases using PyTest, improving overall test coverage to 90%.
* Reduced monthly manual processing hours by 45% through automation scripts.
* Collaborated with UI/UX designers to integrate REST APIs into frontend components.
* Maintained internal documentation and development standards for Python projects.

#### **Junior Python Developer (Intern)**

**Bright Innovations – Singapore**  
June 2018 – December 2018

* Assisted in developing Django modules for an internal project management tool.
* Created basic data visualizations using Matplotlib and Plotly.
* Wrote unit tests and participated in debugging and QA sessions.

# Education

**Bachelor of Science in Computer Science**  
Nanyang Technological University (NTU), Singapore  
*2014 – 2018*

### ****Certifications****

* AWS Certified Developer – Associate
* Advanced Python for Data Science – Coursera
* Django Web Development – Udemy

### ****Technical Skills****

* **Languages:** Python, JavaScript, SQL, Bash
* **Web Frameworks:** Django, Flask, FastAPI
* **Frontend:** HTML, CSS, Bootstrap, basic React
* **Databases:** PostgreSQL, MySQL, SQLite
* **Tools & Platforms:** Git, Docker, Jenkins, Postman, Celery, Redis
* **Libraries:** Pandas, NumPy, Matplotlib, Requests, BeautifulSoup
* **Cloud & DevOps:** AWS (EC2, S3, RDS), Heroku, GitHub Actions, CI/CD
* **Testing:** PyTest, UnitTest, Selenium
* **Project Management:** JIRA, Trello, Agile/Scrum methodologies