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## Summary:

Detail-oriented software engineer with over 3 years of hands-on experience in software development and operational support. Proficient in Python and Java, with a keen interest in building high-quality software solutions in the FinTech space. Experienced in cloud technologies (AWS, Azure), Infrastructure as Code, and automation tools such as Terraform and Ansible. Strong analytical and solution-oriented mindset, committed to continuous learning and effective collaboration in team environments.

## Professional Experience:

### Backend Java Developer (Associate-1)

Capgemini Technology Services India Limited, Gurgaon, India  
February 2022 - February 2024

- Developed and maintained backend systems using Java, while enhancing proficiency in Python for data-driven solutions.
- **Provided operational support** for cloud-based applications, ensuring uptime and reliability.
- Applied Python in various data science projects to analyze data, automate tasks, and develop predictive models.
- Collaborated with cross-functional teams to gather requirements and deliver technical solutions that met client needs.
- **Troubleshoot and resolved technical incidents, ensuring minimal downtime and high client satisfaction.**
- **Implemented and maintained Infrastructure as Code solutions using Terraform to automate cloud infrastructure management.**
- Communicated complex technical concepts to non-technical stakeholders effectively.

### Technical Support Executive

Infosys Technology Private Limited, Pune, India  
February 2021 - February 2022

- Provided technical support, with a focus on Python-based automation and problem-solving for Google Workspace.
- Leveraged Python scripts to streamline support processes and enhance efficiency.
- Developed clear and concise documentation to assist team members and clients in understanding technical solutions.

## Education:

### Master's in Artificial Intelligence

Dublin Business School, Dublin, Ireland  
January 2024 – January 2025

Subjects : Data structure and algorithm, Machine learning ,Recommended systems , Deep learning, Reinforcement learning, Natural Language processing, Cognitive and ethical dimensions of AI.

**Bachelor of Technology (B.Tech) in Computer Science Engineering**  
University in Pune, India  
July 2016 - December 2020  
GPA: 3.2/4.0

### **Technical Skills:**

- **Primary Programming Languages:** Python (Proficient), Java
- **Additional Programming Skills:** SQL, Shell Scripting
- **Software Development:** Agile methodologies, SDLC, Version Control (Git)
- **Data Science:** Machine Learning, Data Analysis, Predictive Modeling
- **Technical Writing:** Creating documentation, explaining complex concepts, maintaining style guidelines

### **Recognized Contribution:**

- Contributed to open-source Python projects and participated in coding competitions.
- Developed a machine learning model for predicting housing prices, enhancing accuracy through advanced techniques.

### **Personal Attributes:**

- Strong attention to detail and consistency in writing and coding.
- Excellent communication skills with the ability to articulate complex ideas clearly.
- Passionate about teaching and sharing knowledge within the coding community.
- Committed to continuous learning and staying updated with industry trends.

### **Projects:**

#### **NLP - Fine-Tuning and Deploying a Language Model Using Quantization**

- Fine-tuned a pre-trained language model for specific NLP tasks, leveraging quantization techniques to optimize performance and reduce model size.
- Deployed the model in a production environment, ensuring efficient inference while maintaining accuracy.

#### **Deep Learning - Prediction of Stock Quantity Using ARIMA and LSTM**

- Developed a predictive model combining ARIMA and LSTM techniques to forecast stock quantities.
- Utilized Python libraries such as TensorFlow and Statsmodels for model implementation, achieving significant improvements in prediction accuracy.