Aditya Gupta

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Objective

Aspiring software engineer with experience in networking, embedded systems, application development, and Java. Seeking a new grad role in network, embedded, or application development.

Education

B.Tech in Computer Science and Engineering *Expected Graduation: 2025*
Maharana Pratap Engineering College, India **High School** *Completed: 2020*
Methodist High School,Kanpur

Technical Skills

- **Programming Languages**: Java, C, Python
- **Embedded Systems**: Microcontroller Programming, I/O Interfacing, RTOS
- **Network Protocols**: TCP/IP, DNS, HTTP
- **Tools/Technologies**: Git, JIRA, AWS, Android Studio
- **Security**: Cryptography, Steganography, Cloud Security, Ethical Hacking

Projects

Network Infrastructure Design *July 2024*
Developed a network infrastructure using DNS, mail, and file servers for an organization. Configured advanced network security protocols to ensure data integrity and seamless communication between users.

Cloud Security Monitoring System *August 2024*
Implemented a real-time security monitoring system on AWS using Lambda and CloudWatch, ensuring infrastructure security and automating incident response to detect and neutralize threats.

Android Billing App *July 2023*
Developed a billing application for "Anuj Balloons" using Android Studio and Java, with the ability to directly send bills via WhatsApp to clients. Integrated local database management and client tracking.

Internships

Tech-A-Intern – Android App Developer *July 2024*
- Developed user-friendly Android apps, including features like real-time notifications, data storage, and client communications.
- Collaborated with the backend team to design APIs and integrate secure payment systems.

Netcamp Summer Internship – Summer Intern *June 2023*
- Assisted in designing network protocols for real-time data transmission.
- Worked on configuring routers, firewalls, and monitoring tools to optimize network security and speed.

Certifications

- Network Management and Web Development with Ethical Hacking – July 2024
- Android Development with Core Java – July 2024
- Python for Machine Learning – February 2024
- IBM DevOps and Cloud Computing – Sep 2024

Declaration

I hereby declare that the above-mentioned information is accurate and true to the best of my knowledge.

Aditya Gupta *Date: September 11, 2024*