Arad Haji Ali Afzali

Computer Engineer | Cybersecurity Engineering Graduate Student

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Profile

As a Computer Engineering graduate from Sharif University of Technology and a current Master's student in Cybersecurity Engineering at Politecnico di Torino, I bring a solid foundation in web development, programming, and Linux systems administration. My experience as a Linux Support Specialist has strengthened my expertise in hosting environments, server optimization, and network management. I'm seeking opportunities that leverage my technical skills and growing interest in cybersecurity, cloud infrastructure, and system automation.

Education

Master of Cybersecurity Engineering, Politecnico di Torino (Polytechnic University of Turin)

September 2025 - Present

Bachelor of Computer Engineering, Sharif University of Technology

February 2020 – July 2024

Work Experience

Linux Support Specialist (Hosting) at ParsPack Company

February 2025 – September 2025

Providing technical support for hosting services via a ticketing system, troubleshooting issues related to mail, DNS, CMS, backup, domains, SSL, databases, and server performance. Experienced with Linux (CentOS, Ubuntu, CloudLinux) at LPIC-2 level, hosting control panels (cPanel, DirectAdmin, Plesk), and web services (Apache, Nginx, MySQL, MSSQL). Skilled in high-load troubleshooting, email delivery issues, CMS debugging (WordPress, PrestaShop, Joomla), virtualization (Xen, KVM, ESXi), and monitoring tools (Zabbix, Cacti, PRTG). Proficient in Bash scripting, HTML, CSS, JavaScript, PHP, and networking (Network+, CCNA).

Featured Projects

Self-Hosted cloud storage

October 2023 – June 2024

- Developing all aspects of a self-hosted home cloud as the final engineering project for my university studies.
- The project aims to develop a secure and flexible cloud storage and file-sharing system that can be customized according to individual hardware preferences.
- Django is being used as the backend framework for this project and addresses the challenges of server-side configuration, such as authentication, encryption, and synchronization.
- The system can be installed on a home device or a personal server, eliminating the need for third-party cloud services.
- The main goal is to provide a simple and secure way to store and access files from anywhere.

Secure messaging

April 2024 – June 2024

- Developed a Secure Chat Client and Secure Chat Server for end-to-end encrypted messaging using Python.
- Implemented RSA key generation (4096 bits) and encryption/decryption using RSA and OAEP padding.
- Designed a GUI for connecting, sending, and receiving encrypted messages.
- Integrated secure key exchange and optional SSL/TLS encryption for secure communication.

Online Bank Website Project, Front-end Developer

April 2023 – June 2023

- Developed the front-end part of a full website for a bank using HTML, CSS, and JavaScript as part of a university project.
- Implemented features such as home page, create account page, login page, and dashboard with various functionalities.
- Collaborated with a team of four developers and a scrum master using Jira and GitHub for project management and communication.
- Delivered a high-quality product that met the client's specifications and exceeded the instructor's expectations.
- Enhanced my coding skills, learned how to work effectively in a team, and gained experience in web development.

Tax System Assistant website, AI Chatbot Featured

October 2023 – December 2023

- Led the development of the Tax System Assistant website, focusing on the integration of an AI chatbot to streamline user interactions and enhance user experience.
- Utilized a tech stack including HTML, CSS, and JavaScript to create an intuitive and user-friendly front-end interface, ensuring seamless navigation for users interacting with the tax-related functionalities.
- Implemented an AI chatbot powered by natural language processing (NLP) and machine learning algorithms, enabling users to receive personalized assistance with tax-related queries and processes.
- Employed project management tools such as Jira and GitHub to coordinate tasks, track progress, and facilitate effective communication within the team.

Internship

Web Development Intern at Rivas System Company

July 2023 – September 2023

I completed an 8-week rewarding internship at Rivas System Company, a leading web development firm. I learned from their experts in front-end and back-end development. I used cutting-edge frameworks like Bootstrap, Django, and PHP to create functional web solutions. I improved my skills in designing responsive front-ends with Bootstrap and developing robust back-ends with Django and PHP. I gained valuable insights into the web development industry.

Licenses & Certification

Web Programming, Tehran Institute of Technology (MFT)

July 2022 – September 2022

Programming with Python, Tehran Institute of Technology (MFT)

July 2021 – September 2021

Skills

Front-end developing (html, CSS, java script)

Django

Python

Bootstrap

SQL

Linux Proficiency

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CDN Management

Personal Website   LinkedIn   GitHub