Aasim Ashraf Bhat

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SOFTWARE ENGINEER | ETHICAL HACKER

Versatile and passionate software engineer with more than **3 years of hands-on experience** designing, developing, deploying, and securing robust, efficient, and innovative software solutions. Specializing in web applications and leveraging ethical hacking skills to ensure their security and reliability.

PROFESSIONAL EXPERIENCE

- **CyberSpark** - *Software Engineer* (Jan 2024 - Present)
  - Developed full-stack applications using **Next.js**, incorporating performant and streamlined UI components built with **React.js** and **Shadcn UI**.
  - Utilized **MySQL** for efficient database management, ensuring seamless integration with the **Next.js** applications.
- **Eonify Tech** - *Software Engineer Intern* (Nov 2023 – Jan 2024)
  - Developed and maintained various robust backend services at Eonify Tech using **Python, FastAPI** and **SQL (PostgreSQL, SQLite and MySQL),** creating efficient and scalable RESTful APIs to support seamless communication between the server and client applications.
  - Developed dynamic and responsive **React.js** user interfaces.
- **Bug Bounty Platforms** - *Part Time Bug Hunter*
  - Identified and reported vulnerabilities on multiple bug bounty platforms with a great number of accepted submissions. Demonstrated expertise in cybersecurity through the responsible disclosure of security flaws, contributing to enhanced security and integrity. **Platforms: HackerOne** (6+ bugs), **BugCrowd** (5+ bugs), **HackenProof** (3 bugs) and **Intigriti** (3+ bugs)

SKILLS

Languages: HTML/CSS, JavaScript/TypeScript (including Node.js), PHP, Python, C++, Java
Frameworks and libraries: React.js, Next.js, Express.js, Laravel, FastAPI, Flask, Tailwind, Bootstrap
Databases & ORMs: MySQL, SQLite, PostgreSQL, Eloquent (Laravel), Prisma, SQLAlchemy
InfoSec: Kali Linux, Burp Suite, OWASP ZAP, SQLMap, WireShark, Nmap, Metasploit, CME, Impacket, etc.
Cloud: AWS, Azure
Communication: REST APIs
Misc.: Linux (Ubuntu, Kali-Linux), Git & GitHub, Docker, Postman, NPM, Apache, NGINX, Firebase, PIP, Composer, Vite.

SIDE PROJECTS

NoteKeeping (GitHub) (View ↗)
- Led the development of **NoteKeeping**, an open-source dynamic web app using **React.js**, **Node.js**, and **MongoDB** for efficient data management.
- Designed an intuitive and responsive UI with **TailwindCSS**.

College Website (Custom CMS)
- Developed an dynamic and powerful CMS with **Laravel (PHP)**, **Livewire**, **MySQL** and **JavaScript** to manage the college website.
- Used **TailwindCSS** to build a beautiful and responsive user interface.
- Implemented secure and efficient web application practices, ensuring data integrity and user privacy, while continuously optimizing and updating the site for improved performance.

Real-Time Bus Tracking System
- Designed and developed a real-time bus tracking system, streamlining transportation management and enhancing passenger experience.
- Technologies used: **Laravel (PHP), MySQL, JavaScript, TailwindCSS, Git** and **GitHub**,

Portfolio (GitHub) (View ↗)
- Designed and developed a visually captivating portfolio website showcasing my skills and projects. Utilized **HTML/CSS**, along with **JavaScript**.

EDUCATION

- **Islamic University of Science and Technology – Bachelor of Technology (B. Tech.)**
  Computer Science & Engineering (September 2021 - 2024)
  Coursework: Ethical Hacking, Networking, Operating Systems, Linux, Web Application Development, DBMS, Software Engineering, Computer Architecture, Data Structure & Algorithms, OOP.

- **Kashmir Govt Polytechnic College Srinagar – Diploma**
  Computer Science & Engineering (August 2017 - 2021)
  Coursework: Network Security, Operating Systems, Linux Internals, Software Engineering, OOP.