

**PROFILE**

A Software Engineer with 2+ years of experience in web development and 1 year in a leadership role at a startup. Proficient in both backend and front-end development, with a strong foundation in Object-Oriented Programming. Passionate about advancing knowledge in system programming, cloud technologies, and AI/ML. Quick to learn new technologies and adapt to evolving requirements. Experienced in agile environments, collaborating with teams to deliver innovative solutions. Eager to leverage academic knowledge and industry experience to solve complex technical challenges.

**WORK EXPERIENCE****Web Developer**

June, 2022 – August, 2022

SMUFF Electroniks, Jeddah

- Crafted the website's front-end from inception, aligning it with the company's vision and enhancing SEO rankings by a significant margin.
- Used WebFlow libraries for animations to make the site more interactive and have more call-to-actions, increasing the user engagement by 30%.
- Integrated a simple PHP messaging field for lead generation with validation against spam and/or malicious inputs.
- Deployed and hosted the website with Hostinger.

**Web Developer (Remote)**

October, 2020 – October, 2021

Khelnet, Noida

- Built the complete web app from scratch, while working with a small tech team, using Django, PostgreSQL, Vanilla JavaScript, and AJAX requests.
- Managed a team of interns who worked on more features, and I helped in launching the first few iterations of the web app.
- Helped in building the app's chat feature from the ground-up with only vanilla JavaScript and fetch APIs.
- Utilized project management tools such as Slack to identify issues and suggest effective solutions, which kept the team on track and communicated progress.
- Deployed the web app on Heroku.

**Web Developer and Web Designer (Hybrid)**

2017 – Present

Global

- Proactively sought out new business opportunities by initiating contact with multiple companies through targeted cold calls and tailored emails to inquire if they were seeking a professional and effective website solutions.
- Built HTML/CSS portfolio websites with a few JavaScript features that boosted their business' online presence and increased user engagement.
- Got an understanding of how digital payment systems work and can be integrated into websites.
- Hosted the websites with Hostgator.

**EDUCATION****BEng (Hons), Computer Science**

2023 – Present

Anglia Ruskin University, Cambridge, England

Modules: Operating Systems, Introduction to Programming, Core Mathematics, Computer Systems, Software Principles

**BSc, Computer Science (Transferred [3.90 GPA])**

2021 – 2022

Colorado State University Global, Aurora, Colorado

Modules: Programming I, Composition II (GT-CO2), Basic Programming, Web Design and Development, College Algebra (GT-MA1), Programming II, Discrete Mathematics, Logic and Design, Introduction to Algorithms, Calculus I

**High School Diploma (4.00 GPA)**

2020-2021

Citizens Highschool, Orange County, Florida

**TECHNICAL SKILL****Front-End Technologies:**

- HTML, CSS (Bulma, Bootstrap5)
- JavaScript (JQuery, Vanilla, React)
- Fetch API, AJAX
- CMS (WordPress)

**Programming Languages:**

- Python (Django, Selenium, Pandas)
- Java (JavaFX, JavaSwing)
- C, C++, C#
- Bash Scripting, Batch Programming

**Back-End Technologies:**

- Django, PHP, NodeJS, ExpressJS

**Hosting Platforms Used:** GitHub Pages, Hostinger, Heroku, Vercel**Databases:**

- MySQL, SQLite, PostgreSQL
- DBBeaver, MongoDB

**Other Development Tools:** Git, GitHub, GitLab, pip, NPM, apt-get, dnf, Docker, Insomnia**Design Tools:** Figma, Gimp, Adobe Illustrator, Canva**Other Tools:** Microsoft Office Suite, Libre Office Suite, Access, Teams, Zoom, Slack, Etc.**LANGUAGES**

- English (Native/Fluent)
- Hindi/Urdu (Fluent)
- Arabic (Fluent)
- French (Beginner)

**REFERENCES****Available upon request.****LINKS****LinkedIn:** <https://www.linkedin.com/in/sayyed-abu-bakr>**GitLab:** [https://gitlab.com/Aby\\_117](https://gitlab.com/Aby_117)