

# ABUBAKAR SIDDIQUE

Sr. Software Engineer

## SUMMARY

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I'm a Full Stack Engineer with eight years of experience in the field. Throughout my career, I have honed my skills in developing web applications and worked on a wide range of projects using various technologies and programming languages.

I have a deep understanding of JavaScript, ReactJs, NodeJs, NextJs, and database management, including SQL and NoSQL. I have also worked with WordPress, GraphQL, Strapi, and headless CMS platforms and have experience creating RESTful APIs. I'm also proficient in agile methodologies and have worked on many projects as part of a team, collaborating with designers, developers, and other stakeholders to achieve project goals.

Aside from my technical skills, I possess excellent problem-solving abilities and can promptly identify and troubleshoot complex issues. I am passionate about learning new technologies and keeping up with industry trends to ensure I am always at the forefront of new developments.

## EXPERIENCE

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**Sr. Full Stack Engineer** - 10/2022 - Current

DCUBE Technologies, Islamabad, PK

- Developed a React-based image annotation application for the data annotation team, enabling them to label images with regions, entities, and filters. This application improved model training and increased accuracy by 15%.
- Utilized **TypeScript**, **TypeORM**, and **Swagger** to develop robust and sustainable backend **microservice** applications while implementing Kanban methodology throughout the software development lifecycle to enhance efficiency and output.
- Led the creation and management of a developer portal using **Reactjs**, providing developers with a seamless onboarding experience and access to comprehensive documentation and resources.
- Leveraged OpenAI APIs to develop chatbots for hospitals, utilizing large language models (LLM) and machine learning to improve patient experience and optimize clinical workflows.
- Automated CI/CD pipelines using **GitLab**, promoting collaboration among team members and providing secure code repositories.
- Utilized **Docker**/Kaniko and **Kubernetes** containers to support efficient and effective deployment, streamlining the software development process.

**Full Stack Developer** - 09/2019 – 09/2022

Devteam Solutions, Limassol, CY

- Developed websites using **React** and **Next.js**, implementing various front-end components and building reusable code with React Context API.
- Developed robust back-end systems using Node.js and Express.js to support website functionality, including API connectivity, database design, and data administration.

- Built back-end systems using Python and **Flask** to support website functionality, including API connectivity, database design.
- Maintained and updated a **GraphQL** layer to allow retrieval and updates of user interactions with the MySQL database.
- Created **Server Side Rendered** application optimized for SEO using NextJs, **GraphQL**, and **Strapi** Headless CMS.
- Created a RESTful API on **Strapi** and deployed it on cloud hosting using **PM2** and **Nginx**.
- Installed, and configured Nginx with **Reverse Proxy**, **SSL**, and **Load Balancer** for various Linux platforms.
- Managed cloud software deployments with a focus on continuous integration and deployment using GitHub, **Heroku**, and **Vercel**.

### **Software Engineer** - 06/2018 - 08/2019

Sonya Travels (Pvt) Ltd, Islamabad, PK

- Developed an online ticket booking system with ASP.NET **MVC**, integrated with Amadeus and Galileo **APIs**, enabling users to book flight tickets and view their PNR status online.
- Developed new features and provided technical assistance in the maintenance of an already developed **CRM** software.
- Utilized Python libraries, **Selenium** and **BeautifulSoup**, to extract desired data from a given URL in an automated way using cron jobs, improving data collection and processing efficiency.
- Designed and developed a RESTful API for Airblue airline using Python and Flask framework, reducing the booking time by 95%.
- Implemented front-end functionality using **jQuery** library to enhance user experience and simplify user interactions.

### **Web Developer / Designer** - 07/2015 - 06/2018

Freelance, Remote

- Successfully completed over 200 projects, including website creation to graphic design, while handling all communication with hosting companies, clients, and vendors.
- Coordinated the transformation of HTML websites into SEO-friendly and conversion-optimized WordPress websites and developed customized **themes**, **plugins**, and user-defined functions.
- Worked on both large-scale projects and small custom hourly tasks.
- Developed, maintained, and upgraded WordPress, including the implementation of themes, **plugins**, **hooks**, and user-defined functions.
- Developed websites on content management systems with **payment integration**, including subscription services and **customized** themes/plugins.
- Created unique graphics, business cards, illustrations, and logos for customers.
- Managed websites with Google **Search Console** and **Google Analytics**.
- Managed and automated **Linux** Administration (Installation, Configuration and Upgrades of Linux RedHat and Ubuntu) Using **Node.js** and **QT**.

## SKILLS

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### Front-End

- HTML, CSS, Bootstrap, TailwindCSS, Material UI
- JavaScript, TypeScript, jQuery, React, NextJs, Redux, Jotai, React Native
- WordPress, Theme Development, Plugin Development, SEO
- Joomla, Shopify, WIX, Strapi

### Back-End & Database

- Node, PHP, Python, C#
- Express.js, Flask, ASP.NET MVC, Headless CMS
- Nginx, IIS, GCP
- SQL Databases, Firebase, MongoDB

### DevOps

- Git, Docker, Kubernetes

## EDUCATION

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- Software Engineering: (CGPA 3.30/4.0)  
COMSATS University Islamabad (CUI), PK