

# ABDUL WAHAB BUTT

## Software Engineer

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## SUMMARY

Software Engineer with 2+ years of experience in Python, Django, and Next.js, specializing in scalable web applications and system integrations. Proven ability to collaborate across teams and deliver high-performance solutions. Passionate about continuous learning and solving complex technical challenges to drive project success.

## EXPERIENCE

<b>Backend Engineer</b> <b>Avialdo Solutions</b>	08/2024 - Present
<ul style="list-style-type: none"><li>Contributed to frontend development with Next.js and built complex backend modules using WebSockets, advanced 2FA, and system integrations.</li><li>Implemented and integrated third-party services such as OneSignal, Firebase, Twilio, and other APIs to enhance product functionality and scalability.</li><li>Delivered modules on time, with 5% variance from estimated timelines and minimal post-launch issues.</li><li>Conducted thorough code reviews, ensuring best practices and improving code quality by 20%, reducing defects and enhancing maintainability.</li><li>Managed AWS services, including EC2, EBS, Lambda functions, and API Gateways, gaining hands-on experience in cloud-based architecture and deployment workflows.</li></ul>	Shar-e-Faisal, Karachi
<b>Junior Backend Engineer</b> <b>Avialdo Solutions</b>	09/2023 - 07/2024
<ul style="list-style-type: none"><li>Mastered the use of version control with Git, facilitating efficient code management practices that resulted in an increase in team collaboration.</li><li>Contributed to product development by designing and implementing new features using Django and Python-based REST APIs (e.g., Ninja API).</li><li>Engaged in continuous learning of best coding practices within a collaborative environment, enabling the completion of over 20 coding tasks weekly, which improved individual throughput and skill development.</li><li>Enhanced understanding of industry-standard practices, such as agile development methodologies, debugging techniques, and CI/CD pipelines.</li><li>Utilized core web technologies such as HTML, CSS, JavaScript, SQL, and cloud services to enhance the product's functionality and user experience.</li></ul>	Shar-e-Faisal, Karachi
<b>Software Developer</b> <b>DOW College of Biotechnology (DCoB)</b>	06/2021 - 04/2023
<ul style="list-style-type: none"><li>Developed backend solutions using Django, incorporating deep learning models and image processing.</li><li>Optimized application performance through parallel processing and data preprocessing.</li><li>Collaborated with cross-functional teams, including educators and researchers, to align with project goals.</li><li>Delivered software solutions within specified timelines and project milestones.</li></ul>	Gulshan-e-Iqbal, Karachi

## KEY CONTRIBUTIONS & AWARDS

- ❖ Streamlined Onboarding Process  
Authored technical documentation, reducing onboarding time by 40% for new developers.
- ❖ Outstanding Team Player Award  
Acknowledged by Avialdo Solutions for effective collaboration and contributions during the quarter May 2024 to August 2024.
- ❖ Production Support & On-Call Duties  
Participated in on-call rotation, ensuring 24/7 availability to resolve critical production issues within 10 minutes and minimize downtime.

## SKILLS

Python · Django · AWS · Agile Methodologies · Amazon EC2 · CI/CD · Continuous Integration · EC2 · Flask · Git · GraphQL · Javascript · JQuery · MySQL · OOP · PostgreSQL · Rest APIs · s3 · SQL · Docker · Version Control · WebSockets · UML Diagrams · Unit Testing

## LANGUAGES

English	Fluent	★★★★★
Urdu	Native	★★★★★

## EDUCATION



### Bachelor of Computer Science (BSCS)

09/2019 - 09/2023

Karachi

#### NED University of Engineering and Technology

- Served as the Academic Representative for the Computer Science department (19B batch), acting as a liaison between faculty and students and organizing academic events.
- Took industry-driven courses like QA Automation (Systems Limited) and ISO 27001 to gain hands-on experience in relevant skills for future development projects.
- Ranked among the top participants in coding competitions and hackathons, strengthening problem-solving and algorithmic abilities.

GPA | 3.2 / 4.0



### Pre-Engineering

09/2017 - 06/2019

Karachi

#### Govt. Degree College Malir Cantt.

- Engaged in college clubs and sports, developing teamwork and leadership skills through participation in events, competitions, and social activities.

GPA | 2.8 / 4.0



### Computer Science

04/2009 - 04/2017

Karachi

#### Chiniot Islamia Public School

- Volunteered for school events, helping organize cultural activities.

GPA | 3.0 / 4.0

## PROJECTS

### Transporter Management System

10/2024 - Present      Remote

Developed a comprehensive system to streamline transport operations for HGGC Transporters, handling fuel procurement, driver and vehicle management, trip tracking, and expense monitoring.

[GitHub URL](#)

### Heavy Vehicle Safety Companion

08/2023 - 09/2023      Remote

Stepping outside my primary domain of web development, I developed this native app using Java, Kotlin, and XML. It features a video player, PDF reader, and text-to-speech functionalities, all within a user-friendly interface.

[GitHub URL](#)