

ABDUL WADOOD KHAN

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Professional Summary Results-driven Full Stack Developer with over 2 years of hands-on experience building scalable web applications using Python, Django, Flask, PHP, and RESTful APIs. Proficient in MySQL, PostgreSQL database design, optimization, AWS cloud services (EC2, S3, RDS), Docker basics, Git version control, and Agile/Scrum methodologies. Specialized in healthcare IT systems with a focus on performance tuning, incident resolution, system reliability, security compliance, and cross-functional team collaboration. Quick learner eager to contribute to innovative software development teams as a Software Developer, Full Stack Engineer, or Intern.

Skills Programming Languages: Python, PHP, JavaScript (ES6+), HTML5, CSS3 Frameworks & Libraries: Django, Flask, Django REST Framework, WordPress, Bootstrap Databases: MySQL, PostgreSQL, SQLite (Schema Design, Complex Queries, Indexing, Normalization, Optimization) Cloud & DevOps: AWS (EC2, S3, RDS, IAM), Google Cloud Platform, Linux Administration, Git/GitHub, Docker, CI/CD Pipelines Basics Tools & Testing: Postman, Jira, Swagger, AJAX, JSON, Unit Testing, API Testing Methodologies: Agile, Scrum, SDLC, OOP, MVC Other: RESTful API Development, Healthcare IT Systems, Basic SEO, Cybersecurity Fundamentals, Problem Solving

Professional Experience

Full Stack Developer (Python, PHP, DBMS) Revocure Pvt. Ltd., New Delhi August 2024 – Present

- Developed and maintained healthcare web applications on revocure.in using PHP, Python, MySQL, and AWS stack, supporting doctor-patient record management, appointment scheduling, and secure data handling aligned with evolving business and client requirements.
- Contributed to full software development lifecycle including design, implementation, testing, deployment, and upgrades of healthcare modules, ensuring seamless patch releases and minimal downtime through proactive bug fixing and performance monitoring.
- Collaborated in Agile/Scrum teams to deliver timely features, maintain Git version control, comprehensive documentation, and adherence to security and compliance standards (HIPAA-like practices).
- Monitored application performance metrics, resolved production incidents, and implemented optimizations to improve system reliability, availability, and user experience for end-users.

Intern Developer Medestan Healthcare Pvt. Ltd., New Delhi May 2024 – August 2024

- Configured, secured, and optimized healthcare platforms using Custom PHP built plugins, MySQL queries, and performance enhancements, improving functionality and user experience on www.medestanhealthcare.com.
- Performed thorough testing, troubleshooting, and rapid issue resolution for live systems while maintaining detailed technical documentation and deployment logs.
- Supported SEO optimization, performance monitoring, and basic analytics to increase site visibility and operational efficiency.

Freelance Web & Application Developer / Support Engineer Various Clients (Fiverr & Direct), Remote 2023 – 2024

- Designed, deployed, and supported multiple production web applications and websites on AWS and Google Cloud VPS environments, ensuring high availability and scalability.
- Diagnosed and resolved client issues, implemented custom features, and maintained service continuity across diverse projects, including secure ID/certificate generation systems (e.g., Bollen Advisors).
- Built and maintained Python/Flask applications with MySQL/PostgreSQL databases, focusing on RESTful API integration, reliability, and scalable backend architecture.

Key Projects

- **Instituto SaaS Institute Management System** (Flask, Python, MySQL, AWS) – Engineered role-based access control, attendance tracking, fee management, and reporting modules with full backend development and AWS deployment (www.instituto.in).
- **Revocure Healthcare Platform** (PHP, MySQL, Python) – Configured and maintained core healthcare features for record management and scheduling on www.revocure.in.
- **HFA Consultants** (PHP, MySQL, Python) – Developed modern design consultancy web application with job portal and keeping lowest time to load and best seo practices opted. www.hfaconsultants.com.
- **Doctor Appointment System** (Flask, JavaScript) – Developed efficient scheduling application with WhatsApp API integration, emphasizing robust testing and configuration.
- **Data Insights Platform** (Flask, Python, PostgreSQL) – Created interactive web dashboards for data visualization and reporting with optimized database queries and performance.

Education Bachelor of Computer Applications (BCA) – 8 CGPA Jamia Hamdard University, New Delhi
May 2021 – May 2024 Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Web Development, Python Programming, Computer Networks, Software Engineering, Automation

Certifications & Additional Strengths

- Cybersecurity Certification – Cisco Networking Academy
- Cpp Certified From Spoken Tutorial IIT Bombay
- C Certified From Spoken Tutorial IIT Bombay
- Python 3.4.3 Certified From Spoken Tutorial IIT Bombay
- Php and MySQL Certified From Spoken Tutorial IIT Bombay
- Certificate of Appreciation from Hacked by Jamia Hamdard Hackathon
- Strong problem-solving, analytical thinking, quick adaptability to new technologies, and effective communication with technical and non-technical stakeholders