Asaduzzaman "Asad" Pavel

Backend Software Engineer

contact@iampavel.dev | +880 175 565 5440 | https://iampavel.dev
Github: k1ng440 | Linkedin: asaduzzamanpavel

SUMMARY

Expertise in building robust, scalable distributed systems. Proficient in Go, TypeScript, and various databases. Committed to delivering innovative solutions for complex projects

SKILLS

Backend: Node.js, JavaScript, TypeScript, Go / Golang, PHP, Python

Frontend: HTML, CSS, TypeScript, JavaScript, React

Database: MySQL, PostgreSQL, MongoDB, Redis

Operations: AWS, GCP, Ansible, Docker, Git, Grafana, Jenkins, Kubernetes, Linux, Prometheus, Terraform

Practices: Agile, Microservices, RESTful API, GraphQL, WebSocket, gRPC

LANGUAGES

English *(Professional Proficiency)* , Bengali *(Professional Proficiency)*

EXPERIENCE

Freelance 10/2022 — Present
Self-employed

- Developed a PHP and Go-based microtransaction wallet for an online game, automating processes and achieving real-time transaction processing, eliminating manual processing delays.

Backend Software Engineer (Contract) 09/2022 — 12/2022
Allrites

- Successfully reduced website response time from 3.7 seconds to sub-second levels through extensive code optimization on both the frontend and backend.
- Architected and developed multi-region Infrastructure as Code (IaC) utilizing Kubernetes and AWS services.

Backend Software Engineer 03/2017 — 08/2022
Coinread

- Architected and implemented backend microservices in Golang for coinread.com
- Saved $40,000 annually by optimizing server and storage usage, resulting in reduced operational costs.
- Demonstrated expertise in defining crucial business and technical prerequisites, skillfully aligning internal strategies with them to achieve broader organizational goals.
- Presented technical solutions and project updates to stakeholders, facilitating informed decision-making and project progress tracking.
- Spearheaded the implementation of innovative concepts, including crypto identity, outlier detection, and trust-score algorithms, enhancing data accuracy and bolstering user trust in the platform.
- Mentored and provided technical guidance to junior engineers, fostering skill development and promoting a culture of knowledge sharing within the team.
- Leveraged cutting-edge technologies like Kubernetes, Ansible, Docker, and Terraform to streamline deployment processes and maintain an agile and responsive development environment.

Full Stack Engineer 06/2016 — 02/2017
Eleven Digital, Inc.

- Developed a hybrid ticketing platform for live events with Angular, Ionic and Node.js, resulting in 100,000 views and 2,500 downloads within the initial week.
- Designed and implemented an Ad-tech platform, contributing to innovative advertising solutions for clients.

Full Stack Engineer · 07/2014 — 06/2016
VDYO Pty Ltd

- Developed a highly scalable and fault-tolerant multi-tenant video-on-demand Software as a Service (SaaS) platform using PHP, MySQL, Redis, and AWS.
- The platform was successfully adopted by leading media companies, including AACTA, providing them with a robust and efficient video streaming solution.
- Incorporated advanced features such as Digital Rights Management, Video Encryption, Multi-bitrate Streaming, Heat Map Analytics, and Facebook Integration.

Founder · 12/2013 — 06/2014
CodeGenie

- Engineered automation tools for purchasing limited stock items, enabling seamless access to coveted limited edition products.
- Received positive feedback from clients for exceptional communication, responsiveness, and commitment to delivering exceptional results.

Full Stack Developer · 02/2011 — 11/2013
Stuffinabox Solutions

- Designed and developed PHP-based CRM and IMS, automating manual processes for streamlined operations.
- Integrated with HughesNet for automation, enhancing functionality.
- Ensured smooth system transitions and zero downtime through high-quality support.