Dinul Haque

London
07778186230 ✦ princ3mo3@gmail.com
GitHub ✦ LinkedIn

SOFTWARE DEVELOPER ✦ FULL STACK DEVELOPER ✦ DEVOPS ENGINEER
Software Design ✦ Full Stack Development ✦ SDLC ✦ DevOps ✦ Agile Methodologies

Software Engineer with hands-on experience in front-end and back-end development. Recently completed software engineering bootcamp, enhancing skills in modern frameworks and technologies.

➢ *Outstanding problem-solving skills combined with **effective communication abilities**, adept at building relationships and **guiding stakeholders through complex software development processes**.*

➢ *Meticulous eye for detail in software design and implementation, focusing on optimising functionality and **enhancing user experience**, using **Agile methodologies and continuous integration practices**.*

CORE COMPETENCIES

- Software Design, Development, Implementation
- Software Development Life Cycle (SDLC) Agile & Scrum
- Software Testing and Diagnostic Techniques
- Technical Troubleshooting and Problem Solving, Analytical

- Full Stack Development with JavaScript, Python, and Java
- Version Control with Git, Continuous Integration
- User Experience and Functional Design, User Acceptance
- Stakeholder Management, Effective Communication

- Responsive Web Design using HTML5, CSS3, and React
- System Analysis and Scalable Architecture Design
- Configuration Management with Ansible and Terraform
- Cross-functional Team Collaboration and Leadership

PROFESSIONAL EXPERIENCE

Solomon Insight (Contract)✦ Remote   **Oct 2023 – April 2024**
DevOps Engineer

- Developed and maintained web applications and services on AWS cloud infrastructure, enhancing system integration and compatibility across platforms using JavaScript, Python, and Unix shell scripting.
- Engineered and maintained robust security measures for cloud services and server solutions, ensuring optimal performance through proactive monitoring, capacity management, and advanced troubleshooting.
- Designed and executed continuous integration and deployment pipelines using Jenkins, significantly reducing deployment times enhancing code quality and increasing release frequency across projects.
- Automated routine maintenance and deployment tasks using Bash scripting and Python, reducing manual workloads by 30% and boosting operational efficiency through enhanced workflows and system automation.
- Led cross-functional teams in adopting Agile methodologies, enhancing collaboration and accelerating the software development lifecycle through streamlined processes and continuous integration.
- Applied Infrastructure as Code principles with CloudFormation and Terraform to facilitate consistent and reproducible development environments, improving development speed and reliability.

Key Achievements
- **Led the migration of multiple legacy systems to modern AWS-based solutions**, significantly enhancing system reliability, scalability, and reducing operational costs by 20%.
- **Designed and implemented a comprehensive security strategy**, resulting in a 40% decrease in security incidents within six months by integrating advanced monitoring tools and secure coding practices.
- **Introduced a suite of automated testing and monitoring tools** that increased system uptime and reliability by 25%, ensuring higher quality software delivery.
- **Spearheaded a major automation initiative**, which standardised deployment procedures across several teams, leading to a 50% reduction in deployment errors.

VISA ✦ London   **Oct 2022 – September 2023**
DevOps Engineer

- Supported and enhanced software operations by debugging and optimising AWS infrastructure, improving system stability and developer productivity through advanced troubleshooting and technical support.
- Collaborated with business stakeholders on multiple projects, effectively communicating technical solutions and project status and aligning project goals with business strategies through stakeholder engagement. Managed and enhanced cloud and hybrid cloud security using ShiftLeft and Dome9 for vulnerability assessments, driving security compliance and remediation efforts to fortify infrastructure security.
- Led an international, distributed team utilising Agile/Kanban methodologies, ensuring software projects remained on track, focused on continuous improvement and aligned with global standards and practices.
- Refined Infrastructure as Code practices using Terraform and CloudFormation, automating infrastructure management to support software development environments and improve system provisioning accuracy.
- Optimised software deployment processes using Jenkins, GitHub, ECR, and Spinnaker, enhancing operational reliability through advanced CI/CD practices and streamlined workflows.

- Managed AWS core computing and networking resources, deploying Application Load Balancers and Security Groups to optimise network operations, enhance security protocols and support software delivery.
- Utilised Bash and Python scripting to automate routine development tasks and generate comprehensive reports on AWS resource utilisation, significantly improving operational reporting and system monitoring.
- Orchestrated container management and microservices architecture with Docker, Kubernetes, and Helm, enhancing application scalability, deployment speed, and runtime security.
- Pioneered the development and integration of new software features, and significantly improved cloud security postures, ensuring stringent alignment of product features with evolving security policies.
- Crafted and managed robust CI/CD pipelines, integrating sophisticated code management and deployment tools to reduce manual intervention and enhance the efficiency of the software development lifecycle.
- Effectively collaborated across functions to identify and resolve complex software and infrastructure issues, significantly enhancing system resilience and operational performance.

Key Achievements
- **Spearheaded a security overhaul, reducing vulnerability reports by 35%** through strategic implementations of advanced compliance tracking tools such as ShiftLeft and Dome9.
- **Drove the adoption of Infrastructure as Code, cutting deployment times by over 50%** across 5 major projects, which resulted in increased efficiency and operational agility.
- **Developed and implemented a comprehensive container management strategy using Kubernetes,** which reduced application downtime by 40% and enhanced load management.
- **Initiated and led a company-wide standardisation of CI/CD processes**, reducing deployment errors by 60% and markedly boosting productivity and team collaboration.

UCAS ✦ Cheltenham   **Jul 2022 – Oct 2022**
DevOps Engineer

- Designed and developed software engineering tools that enhanced product development efficiency and supported development/test environments to streamline workflows for product teams.
- Automated release processes, and optimised release cycles, significantly reducing manual intervention and accelerating product delivery timelines, leveraging continuous integration practices.
- Implemented real-time logging and monitoring solutions using tools like CloudWatch and Splunk, improving incident detection, enhancing system response capabilities, and significantly reducing resolution times.
- Resolved complex software incidents, ensuring rapid system recovery and stability through effective problem-solving, troubleshooting, and incident management techniques.
- Trained product teams in advanced software engineering techniques and practices, elevating team capabilities and fostering a culture of continuous improvement, emphasising innovation and collaboration.
- Extensively utilised Git, Terraform, AWS, CI/CD practices, Linux, Agile methodologies, Docker, Atlassian products, and various database technologies to deliver scalable and secure software solutions.
- Automated and streamlined operations using Python, Bash scripts, and Unix shell scripting, enhancing system functionalities and operational efficiency and significantly reducing manual workload and error rates.
- Adopted GitFlow/GitOps for code organisation and team collaboration, aligning development practices with industry standards and facilitating smoother, more reliable code deployments across teams.
- Implemented ITIL frameworks for incident, problem, and change management, establishing robust processes that enhanced operational responsiveness software quality assurance.
- Orchestrated infrastructure provisioning using Terraform IAC, CloudFormation, and AWS CDK, including AWS organisation setups, domain purchasing via GoDaddy, and DNS routing with AWS Route53.
- Developed high-level and low-level software architectures, set up and maintained code repositories in Bitbucket, and automated infrastructure management, improving setup times and resource management.
- Led serverless solutions and application integration projects, including API Gateways and Lambda, ensuring high availability and compliance with security practices.
- Advanced CI/CD automation with AWS CodePipeline, CodeBuild, and CodeDeploy, enhancing deployment efficiency and code quality assurance, promoting a culture of innovation and continuous improvement.

Key Achievements
- **Spearheaded a major automation initiative, reducing deployment times by over 40%** by implementing advanced CI/CD pipelines and Infrastructure as Code.
- **Played a key role in modernising the cloud infrastructure**, leading to a 30% reduction in operational costs and significantly increasing system scalability and resilience.
- **Designed and implemented a comprehensive monitoring framework** that decreased incident response times by 50%, improved system uptime, and ensured customer success.

Nordcloud ✦ London, UK   **September 2021 – May 2022**
DevOps Engineer

- Engineered CI/CD pipelines for AWS-hosted data platforms, integrating Azure DevOps for comprehensive pipeline setup and management, significantly enhancing deployment speeds and operational reliability.
- Utilised GitHub for robust code repository management, ensuring streamlined version control and

collaborative development across project teams, utilising Unix shell scripting for automation tasks.
- Implemented Ansible for dynamic web server configuration management, automating configuration tasks to optimise server performance and system reliability.
- Managed and enhanced the internal knowledge base using Jira Confluence, streamlining documentation and supporting team collaboration in software project management.
- Provisioned and managed software development environments using Terraform as Infrastructure as Code (IaC), significantly improving infrastructure deployment accuracy and operational agility.

Key Achievements
- **Spearheaded the design and implementation of advanced CI/CD pipelines,** achieving a 30% reduction in deployment times and a significant increase in process efficiency by leveraging automation.
- **Led a strategic initiative to modernise infrastructure management,** resulting in a 25% reduction in operational costs through efficient use of automation and Terraform.
- **Optimised internal communication and project tracking** by effectively implementing and managing Jira Confluence, significantly enhancing team productivity, workflow clarity, and promoting collaboration.

Conduit Global ✦ London, UK   **Jan 2021 – September 2021**
Cloud SRE
- Managed and provisioned AWS infrastructure changes using Terraform and Docker, significantly improving deployment accuracy, operational agility, and web application scalability, leveraging best practices.
- Resolved incidents and ensured compliance with security regulations across multiple cloud environments while configuring and managing Windows Defender AV to enhance system protection.
- Mentored junior developers and managed comprehensive documentation of software development best practices, fostering skill development and enhancing team capabilities in cloud-based software solutions.
- Configured and managed application deployment and patch servers using Ansible, deployed static websites using Docker and NGINX, optimising web service delivery, performance, and ensuring high availability and security compliance.
- Handled onshore/offshore delivery models and third-party vendor management, and directly engaged with customers, ensuring smooth operations, maintaining high service levels, and enhancing client relations with tailored cloud solutions.
- Developed and implemented a streamlined CI/CD process using Jenkins and GitHub, significantly reducing deployment times and improving overall code quality.
- Enhanced software system monitoring and proactive incident management using Splunk and AWS CloudWatch, substantially improving system uptime and response strategies.
- Spearheaded a data security initiative, implementing routine system audits and robust security measures to safeguard sensitive information and maintain regulatory compliance.

Key Achievements
- **Spearheaded a company-wide initiative to integrate advanced multi-cloud architectures**, reducing system downtime by 40% and cutting infrastructure costs by 30%.
- **Developed and executed a strategic plan for infrastructure automation** that resulted in a 50% reduction in software deployment times and a significant increase in deployment frequency.
- **Led the training and development of the cloud operations team**, significantly enhancing their productivity and capability to manage complex cloud environments.

Rebura Ltd ✦ London, UK   **Apr 2020 – Jan 2021**
AWS Cloud Operation Engineer
- Led the provisioning, building, and modification of AWS EC2 instances using Terraform, enhancing project infrastructure deployment and operational efficiency, employing infrastructure as code principles.
- Drove EC2 Instance/Web Server provisions, automated VPC/EC2/User admin using CloudFormation and Terraform, and resolved EC2 Instance connection issues, ensuring robust network connectivity.
- Performed configuration management and patched servers using Ansible to maintain up-to-date and secure server environments, leveraging automation and continuous improvement practices.
- Automated routine administrative tasks using Bash Script, PowerShell, and Unix shell scripting, significantly saving time on repetitive processes and improving system management workflows.
- Configured and led the deployment of web applications using Docker, including WordPress Servers and LAMP stacks, optimising application performance and deployment processes.
- Provided Linux support for RHEL, CentOS, and Ubuntu, enhancing system stability and user satisfaction and optimising operating environments for software development.
- Led a Workspace Migration from an on-premises Windows environment, troubleshooting Workspace support issues, configuring Group Policies, and administering Windows 10/O365.
- Configured and resolved issues with NGINX and WordPress deployments, ensuring high availability and performance of web services, employing advanced troubleshooting and optimisation techniques.
- Managed and utilised AWS services extensively, including VPC, EC2, R53, CloudFront, S3, Lambda, API Gateway, RDS, DynamoDB, Cognito, WAFv2, ECS Fargate, and more for comprehensive cloud solutions.

- Implemented and managed CI/CD pipelines using AWS CodePipeline, CodeBuild, CodeArtifact, and CodeDeploy, significantly improving software development and deployment processes.
- Leveraged management tools such as AWS Organisations, IAM, Secrets Manager, CloudTrail, CloudWatch, SNS, and SSM to enhance security, operational oversight and streamline administrative tasks.
- Advanced Infrastructure as Code (IAC) capabilities using Terraform, CloudFormation, and AWS CDK (Python), focusing on remote backend management, workspace optimisation, and state management.

Key Achievements
- **Pioneered cloud infrastructure automation, leading** to a 50% reduction in provisioning times and a 30% decrease in operational costs, directly benefiting software deployment efficiencies.
- **Enhanced system security protocols and response strategies,** educing system downtime and security incidents by over 40%, ensuring secure and reliable software operations.
- **Successfully managed a critical migration project for corporate workspaces,** resulting in enhanced operational efficiency and user experience , facilitating smoother software development and deployment.

Toyota Kredit Bank ✦ Cologne, Germany   **Sept 2019 – Apr 2020**
IT Technical Engineer (Contract)

- Spearheaded AWS WorkSpace migration, provided post-migration support, and managed installation, support, and updates of tested software, enhancing server and application performance.
- Created, managed, and updated user accounts and access groups in Microsoft Active Directory, and managed users, distribution groups, and shared mailboxes in Microsoft Exchange & Office 365.
- Led Azure administration, resolved Azure AD account issues, and used Microsoft Configuration Manager SCCM for software and access management, supporting a Windows migration project.
- Collaborated with external stakeholders, provided comprehensive Linux support, administered MFA systems, and resolved access issues, maintaining high standards of system security and user satisfaction.
- Managed AirWatch and Microsoft Intune mobile device management systems, overseeing device policy enforcement and security, ensuring compliance with industry standards and regulations.
- Provisioned AWS EC2 Compute Instances and managed AWS services like WorkSpaces, IAM, CloudFormation, ELB, and Auto Scaling, optimising cloud resource utilisation and efficiency.
- Handled purchasing, installation, and support of all computer hardware and printers, ensuring all devices were up-to-date and fully functional.
- Administered the complete software lifecycle from packaging to deployment using Microsoft Configuration Manager SCCM, improving software management and compliance.
- Expertly managed service requests and incidents via the Manage Engine Ticketing system, streamlining issue resolution and enhancing service delivery, focusing on customer success.
- Maintained comprehensive asset management records, ensuring tracking and accountability of resources.
- Set up and maintained organisational management access settings, facilitating collaboration with external users, securing sensitive data, and applying information security principles and best practices.
- Configured and supported meeting room technologies, including Skype for Business, Polycom AV devices, and SMART boards, ensuring effective communication and presentation capabilities.
- Provided critical out-of-hours support, ensuring system reliability and availability for vital operations.

Key Achievements
- **Successfully led the migration of corporate environments to AWS WorkSpaces**, resulting in enhanced performance and reduced operational costs.
- **Streamlined Windows migration across the organisation from Windows 7 to Windows 10**, enhancing system security and user productivity.
- **Developed and implemented a robust IT asset management strategy** that reduced annual asset losses by 25%.

Additional Experience

Savills, London - Technical Support Engineer. (Contract)	**2019 – 2019**
K&L Gates, London - 2nd Line Engineer. (Contract)	**2018 – 2019**
Wavex, London - 2nd Line Engineer. (Contract)	**2018 – 2018**
Plan-Net, London - Senior Infrastructure Engineer.	**2016 – 2018**
Telefonica & Telenomics, London - Technical Training & Development Manager.	**2014 – 2016**
IT Sol, High Wycombe - IT Support Analyst.	**2011 – 2014**

TECHNOLOGY & TECHNICAL SKILLS

Programming Languages: Shell scripting, Python, YAML, C++, Bash scripting, PowerShell, HTML, CSS, JavaScript including frameworks like React

Version Control: Git, GitLab, GitHub, Trello, Azure DevOps

Development Automation/Build: Jenkins, Docker, Ansible, Terraform Cloud, CodeBuild, AWS CDK (Cloud Development Kit), CodeBuild, Travis CI

Testing tools: JMeter, Sonar, Selenium, WebDriver

App/Web Servers: Apache, Tomcat, Atlassian JIRA & Bamboo, IIS

Datastores & Cloud: MySQL, MongoDB, PostgreSQL, AWS EC2, AWS S3, AWS RDS, AWS VPC, AWS Lambda, AWS WorkSpaces, Kubernetes, VMware

Platforms: Linux CentOS, Linux RHEL, Ubuntu, RedHat, UNIX, iOS, Android, Windows Server, Unix

Methodologies: Agile, Scrum, Kanban, CI/CD pipelines, Infrastructure as Code (IaC), GitOps, Software Design and Development, Front-End and Back-End Technologies, Agile and Scrum Methodologies, Data Structures and Algorithms, Problem Solving and Logical Thinking

Cloud Platforms & Services: Amazon Web Services (AWS), Microsoft Azure

Desktop Operating Systems - (Win 7, Win 8, Win 10), Windows Server2012 & MAC OSX OS Experience, Windows Server 2008, Windows Server 2012 R2, Linux CentOS, Ubuntu, RHEL

Networking - TCP/IP DHCP, DNS, VPN (Global Protect, Pulse Secure, Cisco AnyConnect)

Security: IT Security, Data Security, Antivirus (Symantec Endpoint, McAfee, Sophos), Disaster Recovery, Backup Solutions, Multi-Factor Authentication (MFA)

Monitoring & Logging: AWS CloudWatch, ELK Stack (Elasticsearch, Logstash, Kibana)

PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

Software Engineering Bootcamp: General Assembly.	**2024**
Certified AWS Solution Architect Professional	**2022**
Microsoft Azure Certification 305 – Certified Azure Solutions Architect	**2022**
Microsoft Azure Certification 104, 305 – Certified Azure Administrator	**2022**
Certified AWS Developer Associate	**2020**
Certified AWS Solution Architect Associate	**2020**
HashiCorp Certified: Terraform Associate	**2020**
Python Entry Level Certification	**2020**
Microsoft, Exam 410,411 & 412: Configuring Advanced Windows Server 2012 Services.	**2019**
Microsoft, MS-100: Microsoft 365 Identity and Services	**2019**

EDUCATION

Leyton Sixth Form College **2006**
BTEC National IT Practitioner

ADDITIONAL CREDENTIALS

SOFT SKILLS	Highly motivated and results-driven Software Engineer with a robust track record in designing, implementing, and optimising secure, scalable, and efficient software solutions. Brings a unique blend of technical expertise and leadership skills to foster innovation and continuous improvement in fast-paced environments. Excels at collaborating with cross-functional teams, effectively communicating technical solutions, and aligning project outcomes with business objectives. Adept at managing multiple development projects simultaneously, consistently delivering high-quality results within tight deadlines. Possesses exceptional problem-solving abilities and strong communication skills, facilitating seamless integration and collaboration with both technical and non-technical stakeholders. Committed to advancing in the field of software development, continuously expanding knowledge and skills to stay at the forefront of industry trends and best practices in software technology.
INTERESTS	Passionate about software development web design, DevOps, Linux, cloud technologies, and staying current with the latest tech trends. Enjoys playing cricket, football, and PS5 video games. Eager to explore the world through travel.