HUZEFA TANVEER

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 @huzefatanveer   https://www.linkedin.com/in/huzefa-tanveer

SKILLS

- **Core Programming Languages**: C++, Java, Python.
- **Web Development Stack**: Mongo DB, React.js, Express, Node.js.
- **Frontend development**: Html, CSS, JavaScript.
- **DevOps Tools**: Docker, Terraform, Kubernetes, Git, GitHub, GitHub actions, GitLab, Jenkins, Circle Ci, Test Sigma.
- **Databases**: MySQL, SQL, NoSQL.
- **Amazon Web Services**: boto3, EC2, ELB, VPC, CI/CD, Cloud Formation, APIs, CloudTrail.
- **Linux System Administration**: User, File and Package management, Monitoring.
- **Additional skills**: Testing frameworks: python selenium, Junit, Bash scripting, CRM tools: ERP Next, ITOP, Ruby on Rails.

EXPERIENCE

DevOps Intern | Al Nafi   (Dec 2022- Oct 2023)

- **Open Sources Tools:** Created detailed courses of GitHub/git, Terraform, Circle Ci,Test Sigma
- **ITSM & CRM Evaluation:** Identified open-source ITSM and CRM solutions and shortlisted ITOP and ERP Next and deployed them in production – Docker, python.
- **CI/CD Automation on AWS**: Implemented CI/CD pipelines harnessing AWS CodeCommit, Code Pipelines, and Code Deploy, ECR and ECS.

Labs Developer| Al Nafi   (Sep 2023- Nov 2023)

- Developed labs for Students and seamlessly automated intricate AWS service deployment, management, and configuration processes utilizing Boto3, AWS Software Development Kit (SDK) along with python Flask.

EDUCATION

- **Software Engineering**   (July 2020- July 2024)
  National University of Computer and Emerging Sciences, **Islamabad**
- **FSC Pre-Engineering**   (August 2018- May 2020)
  Punjab College of Information Technology, **Rawalpindi**

ACADEMIC PROJECTS

- **Payment Card Industry Project – AWS, Python**
  Developed PCI project with backend in python Django and deployed it in production using Aws Services
- **Seekho E-learning System – MERN, Python, NLP**
  Developed an innovative e-learning platform that enhances video lecture engagement by allowing students to search for specific concepts within videos and track their progress. Used AI models to segment lectures into meaningful sections which support adaptive learning, efficient quiz management and progress tracking. I also developed comprehensive LMS features, making video content more accessible and engaging for students and teachers.
- **Hostel Management System – MERN**
  Developed a Hostel Management System which simplifies hostel operations with features such as student registration, room allocation, fee management, facility maintenance, and comprehensive reporting and analytics for administrators.
- **eCommerce Platform- MERN**
  Developed ecommerce online store as a semester project. Here I used react.js as frontend, node.js as the runtime environment and mongodb as a database. I also integrated additional libraries and tools such as redux for state management, JWT for authentication and Strip for payment processing
- **2d Fireworks - C++**
  Drew 2d patterns of fireworks on console using 2D arrays and some libraries to add colors to the patterns
- **Flight Reservation System – Java Spring boot**
  Developed Flight reservation System using java spring boot to manage flight bookings. Its main features include user authentication, booking management, seat selection and payment processing.

HOBBIES/INTEREST

- Table tennis enthusiast with a successful track record in college tournaments, earning multiple awards for excellence.