

AYYAN AKBAR

Software Engineer

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EDUCATION

National University of Sciences and Technology

Bachelor of Software Engineering – 3.55 CGPA

Islamabad, Pakistan

EXPERIENCE

NCSAEL

Junior Developer

Dec 2023 – Present

Rawalpindi, Pakistan

- Built and deployed a Compliance Toolkit using Node.js, Express.js, and MongoDB. Implemented RESTful APIs + aggregation queries.
- Developed performant UIs with Next.js, TypeScript, + Tailwind CSS. Improved UX with RTK queries + JWT auth.
- Ensured app scalability with Redux Toolkit + implemented secure JWT auth with middleware.
- Collaborated with design + participated in code reviews to maintain code quality + consistency. Contributed to CI/CD pipeline setup.

Bytewise

DevOps Intern

June 2023 – August 2023

Remote

- Used AWS services, such as EC2, S3, and Lambda, to optimize infrastructure for scalability and cost-effectiveness.
- Managed application traffic efficiently with Amazon Elastic Load Balancing, optimizing resource utilization.
- Automated workflows by implementing CI/CD to the website development using AWS CodePipeline.

Incubation Centre

Web Developer Intern

Nov 2022 – Feb 2023

Rawalpindi, Pakistan

- Worked on backend using Nodejs, JWT based Authentication, Routes Handling, database on aws, middlewares setup.
- Integrated Stripe payment gateway into website, enabling secure and seamless online transactions, resulting in a 15% increase in successful checkout rates.

PROJECTS

Operating System Compliance toolkit | MERN Stack

June 2024

- Developed an enterprise-grade toolkit to manage operating system compliance across sites, departments, and individual assets. The system streamlines data collection (OS, benchmark, compliance scores) and generates risk assessments for each department, allowing for proactive IT security management.

CareerFusion | React, API, Nodejs

October 2023

- Build a platform focusing on skill testing, job search, and resume showcasing.
- Successfully integrated real-time job search functionality, allowing users to explore and apply for the latest job opportunities.
- Demonstrated expertise in utilizing APIs and embedding external resources into websites to enhance user experience.

E commerce store | React, Nodejs, AWS – <https://kodati-app.vercel.app/>

February 2023

- Developed and maintained e-commerce store, ensuring secure handling of information on all customer payments and transactions.
- Achieved a 97% customer satisfaction rating with an average order value increase of 15%, enhancing user experience by making the checkout process and product navigation intuitive and user friendly.

Travel Agency (TravelXTour) | MERN Stack

November 2022

- Crafted an interactive tourism website for global users, facilitating destination exploration, and experience sharing.

TECHNICAL SKILLS

Languages: Java, C++, HTML/CSS, JavaScript, SQL, NodeJs

Developer Tools: VS Code, AWS

Technologies/Frameworks: React, Nextjs, Tailwind, Linux, Redux toolkit, Containerization, Docker, Webhooks, stripe implementation

Certificates: DevOps on AWS Specialization (Coursera)