Saud Ahmed Malik

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github.com/saud00

SUMMARY

Accomplished Full-Stack developer with over three years of practical experience in developing web applications leveraging several modern technologies. Advanced experience with several technologies including React.js, Bootstrap, and TypeScript. Developed several web applications leveraging React.js, Next.js, and libraries such as Material UI. Diligent about keeping up to date with the latest trends and technologies in this industry. Great ability to collaborate and share technical information with teams

EDUCATION

Master of Science, Computer Science (2018)
Comsats University, Islamabad

Bachelor of Science, Computer Science (2016)
Comsats University, Islamabad

CERTIFICATIONS

AWS Certified Developer - Associate (In Progress - 2022)

PUBLICATIONS

FICC 02-FEB-2019
Malik S.A., Maqsood M., Aadil F., Khan M.F. (2019) An Efficient Segmentation Technique for Urdu Optical Character Recognizer (OCR). In: Arai K., Bhatia R. (eds) Advances in Information and Communication. FICC 2019. Lecture Notes in Networks and Systems, vol 70. Springer, San Francisco, USA.
https://link.springer.com/chapter/10.1007/978-3-030-12385-7_11

HINDAWI 04-DEC-2020
An Efficient Skewed Line Segmentation Technique for Cursive Script OCR
https://www.hindawi.com/JOURNALS/SP/2020/8866041/

CAPABILITIES / SKILLS

Front-End Stack

• React.js	• Bootstrap 5	• Material UI
• Next.js	• Yup	• Tailwind CSS
• JavaScript	• Django	• Web3.js (In Progress)
• Redux	• Python	• Solidity.js (In Progress)
• Formik	• React Hooks	

Back-End Stack

• Firebase / Firestore	• SQL Server	• API Development
• Mongo DB	• Node	• JSON
		• REST

Development and Operations
- GIT/GITHUB

EXPERIENCE / PORTFOLIO

01/2019 to Present

Full-Stack Developer
Saud Ahmed Malik, DBA

PIXLS RFP WEB APPLICATION (Stealth Organization)
February 2022 - Present

- Under the direction of product management, delivering a full-stack web application for the management of RFP documents and security questionnaires
- Technology stack includes React.js, Next.js, Material-UI, CSS, Firebase/Firestore, Material UI v5 components library, Redux-toolkit, React Hooks API, Redux & React Context API for State Management, React Router, Axios

- Working collaboratively with product management and other software engineers to drive product buildout
- Web Application delivers several customer-centric workflows which enables customers to distribute questions to team members for collaboration; Full user administration capability; Project driven questionnaire management; Executive dashboards; Reporting / Export of completed questionnaires; Library functionality for saving common responses to a generic datastore for re-use in future questionnaires
- Pre-deployment environments include Heroku and Versal
- Target market for the application is to compete against global organizations such as RFPIO and LOOPIO
- Work in a consultative fashion with product leadership as a trusted advisor for technology decisions

TOURISTY WEB APPLICATION
March 2020 – March 2021

- Under the direction of product management, delivered a full-stack web application as a Tourist guide
- Implemented with Next.js, Redux, material-UI 5, CSS with a backend Node.js, and Mongo Database.
- Integrated booking / shopping cart experience to allow customers to book a room for tours.
- Pre-deployment environments include Netlify
- Work in a consultative fashion with product leadership as a trusted advisor for technology decisions

RESTAURANT WEB APPLICATION
February 2019 – March 2020

- Under the direction of hotel management, implemented a full-stack web application leveraging a variety of technologies
- Implemented with React.js, Bootstrap 5, CSS3, and AOS for animation effects
- Application delivered capabilities for SMS messaging; Managing events; Food menu with a variety of menu items; Special customer deal options for ordering meals
- Implemented via Netlify for Production deployment

08/2016 to 12/2016
Information Technology Intern
Executive District Office of Health, Attock, Punjab, Pakistan

- Supported the maintained departmental computer systems which included troubleshooting system issues for both hardware and software
- Assisted with computer network security and assisting with required remediation steps
- Provided end-user technical support for computer hardware and software issues

08/2017 to 03/2018
Executive District Office of Education, Attock, Punjab, Pakistan
- Installed and managed Operating Systems and other corporate required software on applications
- Coordinated with various departments to ensure that all technology was performing properly per the required corporate policies
- Collected, analyzed, and stored data for use in executive reports

ACTIVITIES/SOCIETIES

- Member of Green Pakistan (Billion tree plantation campaign)
- Al-Khidmat society (Welfare society)
- Table tennis champion of CUI Attock Campus in 2016

REFERENCES   Available Upon Request