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# Saud Ahmed Malik

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Lodi, CA, USA

**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 Cloud Practitioner- 2023**  
**AWS Certified Solution Architect- Associate (In Progress)**

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

### Back-End Stack

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

### Development and Operations

- GIT/GITHUB

## EXPERIENCE / PORTFOLIO

**01/2019 to Present** **Front-End Developer**

### PIXLS RFP WEB APPLICATION (Houston, TX Remote)

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

#### **Human Hope Organization**

March 2020 – March 2021

- As per the requirements of management, delivered a full-stack web application for an NGO.
- Implemented with Next.js, Redux, material-UI 5, CSS with a backend Node.js, and Mongo Database.
- Integrated donation / cart experience to allow donors for a charity.
- Pre-deployment environments include Vercel and Cloudflare.
- Work in a consultative fashion with product leadership as a trusted advisor for technology decisions.

#### **REFERENCES**

Available Upon Request