







Globetrotter
Rock & Roll Dancer
Mentor
Photographer

Saif Imran

I'm proud to have a unique background that combines software engineering, graphic design, management and entrepreneurship. In my various roles, I've found myself regularly called upon to tackle large technical challenges, drive vision, take on risks, and build teams towards important organizational change. My love of coding drives me internally and I relish every opportunity to tackle the deepest technical challenges.

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-  [GITHUB . COM / SAIFOOKHAN](https://github.com/saifookhan)
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Experience

Working Student - Frontend Engineer Mar.2019 - Present, Xing SE

- Building internal tools for the Data Science team. Responsible for the frontend development and maintenance.
- Mainly working with ReactJS on the frontend for a Scala Play backend.
- Collaborate with stakeholders and users of the applications and translate them into actual frontend.
- Convert old React application to a React Hooks
- Building charts and data filtering mechanism using chart libraries eg. Apex Charts
- Custom pagination module built.
- Tools used: Material UI, Redux, CSV parsing.

Working Student - Business Analytics Aug.2018 - Feb.2019, Xing SE

- Jobs integration team for Xing Stellenmarkt.
- Core tasks were to automate the job listings on the site, build automation tools for ease-of-usage.
- Monitor and maintain the listing data quality of different websites and companies.
- Solely built a custom library for PDF text extraction and then converting them into styled HTML.
- Data scraping using Python for data analysis and salary forecasting.

Analyst Software Engineer Jan.17 – Aug.18, Afiniti – The Resource Group

- Web-App development of Regression testing tool on .NET WebForms, MVC.
- Developed audit trail module used locally by the QA team.
- Designed new UI with step-by-step user flow and graphical insights.
- Asterisk dialer implementation from scratch.
- Tool migration to VUEJS.

Content Production Lead May.16 – Aug.17, Design & Desktop (Pvt.) Ltd

- Digital marketing content production for various companies and brands. Services include graphic design, video production, animation, video recording, audio production and social media channels handling.
- Managing a team of four employees and driving the projects with client communications, billing, project plans and proposals.
- Clientele in Pakistan: Reckitt Benckiser, Unilever, Engro, KFC, HUB Leather, etc.

ISMS Audit Intern May.16 – Aug.17, Business Beam (Pvt.) Ltd

- Minimize risk and ensure business continuity using Information Security Management System ISO 27001.
- Conducting interviews for assessment of client's information security policies and procedures.
- Gap analysis in IT infrastructure for various clients.

Education



Masters in Computer Science, Christian-Albrechts-Universität zu Kiel Apr.18 - Present
Kiel, Germany

Bachelors in Computer Science, Institute of Business Administration 2013 - 2017
Karachi, Pakistan

Advanced Levels, University of Cambridge International Examinations 2011 - 2013
Karachi, Pakistan

Projects

Integrated Social Network and Learning Management System for students, <http://parhako.com>

- Envisioned and executed an online learning platform with integrated tools like virtual classrooms, education ERP and LMS.
- Managing a team of nine employees; hiring and firing decisions: daily standup scrum using agile methodology, feedback, and coaching.
- Successfully managed remote offices and geographically dispersed teams in Canada / Europe / Asia.
- Wore many hats: Engineering Manager, Project Manager, SCRUM Master, Programmer, and Fearless Leader.
- Designing backend architecture of the services and connection between them.
- Servers management, backup policies on AWS.
- Designed, constructed and developed large, sophisticated UX Flows for web and mobile applications.
- Tools used: GraphQL, Apollo, ReactJS, NextJS, ReactNative, LDAP, Keycloak (Single-Sign-On), MongoDB, AWS EC2, AWS S3.

Search Engine for Open Education Resources

- For Master project, built along with a team a tool for scraping, indexing and retrieval of OER documents using ElasticSearch.
- Worked in the scraping and data modelling team.
- Designed and implemented data models for indexing resources in MongoDB and built Elastic Search data mapping.

PDF TO HTML

- For Xing Job Market, solely built a Python tool for data scraping and PDF and converting them into styled PDF format.
- Presented it to the teamlead and management for feasibility analysis.

Social Media Bot

- Used Instagram's RESTful APIs and Selenium to create an auto-interaction bot in Python.

Augmented Reality Mobile App

- Pictures to 3D model creation. Generating different models on markers using ARToolkit.

Gap Analysis against ISO 27001

- Conducting interviews for assessment of client's information security policies and procedures.

Additional Work Available on LinkedIn
[Linkedin.com/in/saifookhan](https://www.linkedin.com/in/saifookhan)

Skills

MOBILE

- ReactNative *****
- XCode *****
- AndroidStudio *****
- Push Notification *****
- ARToolkit *****

DESIGN

- Adobe CS *****
- Photoshop *****
- Illustrator *****
- Premiere Pro *****
- After Effects *****
- Lightroom *****
- XD *****
- Audacity *****
- Procreate (iPad) *****
- Blender *****
- UltiMaker (3D Print) *****
- OBS Studio *****
- Sketch *****
- Balsamiq *****

WEB

- HTML5 *****
- CSS *****
- DOM *****
- JavaScript *****
- ReactJS *****
- JSX *****
- React Hooks *****
- Socket.io *****
- Apollo Client *****
- Redux *****
- GraphQL CosmoticUI *****
- CORS *****
- HTTPS *****
- SSR *****
- Material UI *****
- AntDesign *****
- jQuery *****
- CSS Animation *****
- Canvas *****
- Locale *****
- Webpack *****
- Babel *****

BACK-END

- NodeJS *****
- MySQL *****
- MongoDB *****
- Redis *****
- ExpressJS *****
- PassportJS *****
- GraphQL *****
- GraphQL Subscriptions *****
- LDAP *****
- KeyCloack (SSO) *****
- Django *****
- WordPress *****
- .NET MVC *****
- Play (Scala) *****
- Moodle *****

DATA SCIENCE

- Scrapy *****
- Elasticsearch *****
- Pentaho *****
- Hadoop *****
- Talend *****
- PowerBI *****
- Powerpivot *****

DEV OPS

- Amazon AWS *****
- EC2 *****
- AMI *****
- S3 *****
- Lamda *****
- CodeDeploy *****
- Lifecycle Management *****
- Cloudinary *****
- Cloudflare *****
- NGINX *****
- Jenkins *****
- Apache *****
- Docker *****
- Ubuntu *****
- Mac / OSX *****
- Git/Github *****
- SSH *****
- DNS *****

UI / UX

- Wireframes *****
- Omnigraffe *****
- Storyboards *****
- Google Analytics *****

LANGUAGES

- Javascript ES6 *****
- PHP *****
- Python *****
- Bash *****
- JAVA *****
- Haskell *****
- Scala *****

ONLINE MARKETING

- Social Media *****
- SEO *****
- Email Campaigns *****
- E-Commerce *****
- Facebook Business *****

SOFTWARE

- Jira *****
- ClickUp *****
- Postman *****
- Microsoft Office *****
- Google Docs *****
- Google SiteConsole *****
- KlickTipp *****

Conferences

- AWS Online Summit
- DockerCon 2020 (Online)
- JSunconf 2019
- Online Marketing Rockstars 2019
- ICICT 2017

Extracurriculars & Interest

- Rock & Roll Dancing
- Travelling
- Learning New Things
- Photography & Videography

Mentions

- TEDx: Preetha Ram - Teaching It Forward
<https://youtu.be/C-PnBZihCmk?t=433>
<https://youtu.be/C-PnBZihCmk?t=549>
- The Counsellor - Tech Mentor
<http://thecounsellor.io>