

# SAURABH "SAM" KHAWASE

## Businessman & Proud Geek

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📍 Berlin, DE



## EXPERIENCE

### Lead Software Engineer/Software Architect

#### Icnmobile GmbH

📅 May 2019 – Ongoing 📍 Berlin, DE

- Designed and engineered the **architecture** of the SalonLab App using state of the art design patterns like MVVM, and unit testing.
- Contributed to the **architecture** of mission critical SalonLab Cloud with scalable microservices using **Nodejs, Python, Redis, kubernetes** and **Azure CosmosDB**.
- Mobilised a cross-functional team of engineers to create a **technical roadmap, vision, and strategy** for the SalonLab App and Analyzer IoT Device.
- Envisioned the process in tandem with Henkel R&D team to integrate the **Machine Learning** prediction components into the SalonLab Cloud and the iPad app.
- Supervised the Hardware team to streamline the over-the-air **Firmware update** and **continuous integration**, reducing delivery times by 50%.
- Spearheaded efforts to implement source control and **peer-reviews** using **Gitlab**, and Gitlab runners.
- Implemented **best practices** in software delivery based on SOLID, peer reviews, SwiftLint, and Jazzy.
- Streamlined the mobile app **release schedule** and implemented seamless **continuous delivery** using **MS AppCenter, Fastlane** and **TestFlight**.
- Formalized the **QA process** to test all the business critical features.
- Conceptualised and implemented the strategy to **analyze** and **quantify** various app and hardware related actionable **KPIs**.
- Led the **recruitment** efforts to build a team of stellar developers, both remote and on-site in Berlin.
- Lead efforts to create **dashboards** and **reports** to document release process across cross-functional teams like backend and Apps.

### Deutsch Integration Kurse

#### Volkshochschule

📅 Oct. 2018 – Feb. 2019 📍 Berlin, DE

- Completed Deutsch Integrations Kurse for **German B1** levels.

### Freelance Software Consultant

#### Vattenfall AG

📅 Apr. 2018 – Sep. 2018 📍 Berlin, DE

- Formalized and mapped large scale, and complex the methodologies used in **Power Purchase Agreements** and **Pricing Models** across Vattenfall's various divisions.
- Spearheaded efforts and ensured strong **collaboration** and **communication** across several company divisions and built consensus on product features.
- **Engineered** a KYC dashboard application to serve as a central portal for all KYC operations using AngularJS, Python Flask, PostgreSQL Docker and Azure .

## LIFE PHILOSOPHY

*"The best way to predict your future is to create it."*

## MOST PROUD OF

- 📺 **Giving back to society**  
Founded **CoderDojo Des Moines**, and taught young kids programming
- 👤 **Inspiring women in tech**  
Mentor, **Django Girls Berlin 2015**
- 🏆 **Courage I had**  
To constantly challenge myself to work on difficult tasks, and learn valuable lessons
- 📈 **Intuitive products**  
Creating products that are loved by the users

## STRENGTHS

- UX
- Software Architecture
- CI/CD
- Design Patterns
- Databases
- DevOps
- Agile
- Rx
- Product focus
- Extreme Ownership
- Empathy
- Motivator & Leader

## LANGUAGES

English 🟢🟢🟢🟢🟢  
German 🟢🟢🟢🟡🟡

## EDUCATION

Bachelor of Engineering.

Computer Science

**Govt. College of Engineering, Amravati**

📅 Sep 2001 – June 2005

- Database Design
- Operating Systems
- Data Structures and Algorithms
- Compilers
- Engineering Mathematics
- Software Engineering
- Artificial Intelligence
- Computer Networking

- Engineered efficient **data pipeline** to process Long term forecast data from various heterogeneous data sources, using **Python, Pandas, Docker,** and, Azure **Kubernetes Service**.
- Conceptualised and engineered Feed-As-A-service to process PPA Pricing models using **Python, Docker, and Azure Kubernetes Service**.

## Lead Software Engineer

### Neofonie Mobile / Storecast GmbH

📅 Aug. 2014 – Feb. 2018 📍 Berlin, DE

- Mobilised the **cross-platform team**, working closely with the CTO for defining **architecture** for cross platform Juke apps.
- Designed and implemented Cross platform **shared business logic** in C++, enabling **85%** code sharing between **Android** and **iOS**.
- Spearheaded efforts to create a culture of **Continuous Delivery**, and actively contributed to its success.
- Spearheaded efforts to create a **cross-platform app** for Süddeutsche Zeitung using **iOS, Xamarin,** and Rx, & back-end using **Azure, C#, MongoDB, Postgresql,** and NancyFx.
- Engineered **iOS SDK** for Gigaset G-Tag **iBeacon** devices used in several mission critical applications.

## Sr. Software Engineer

### Visual Meta, GmbH

📅 Oct. 2012 – Aug. 2014 📍 Berlin, DE

- Led the efforts to create the **iOS** and **Windows Phone app** for LadenZeile/ShopAlike available in **17** different **markets**.

## Sr. Systems Engineer

### Advanced Technologies Group, Inc

📅 Oct. 2011 – Sept. 2012 📍 Des Moines, IA

- Administered requirements analysis and system design leading to **low-latency, high-availability,** mission critical system for **Federal Bureau of Prisons**.

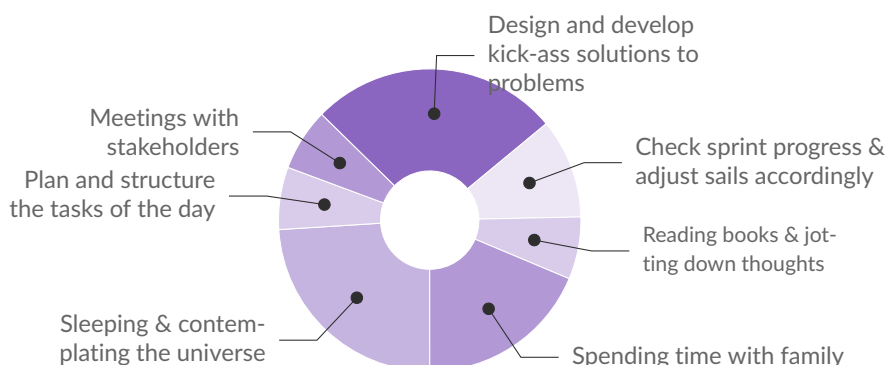
## Associate, Projects

### Cognizant Technology Solutions

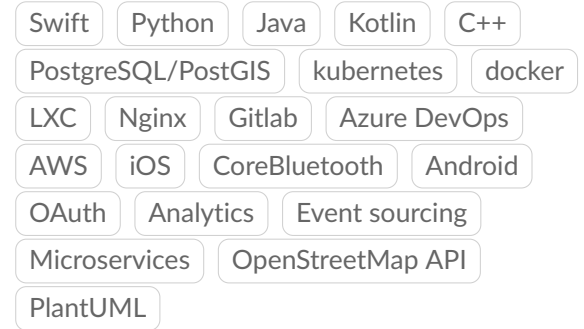
📅 Jan. 2006 – Sep. 2011 📍 Des Moines, IA

- **Lead the team** to develop Enterprise software like warehouse application, **ERP** and **CRM**, improving productivity and **reducing back-orders** by **70%**.

## A DAY OF MY LIFE



## TECHNOLOGIES



## REFERENCES

### Guillaume Garnier

@ CTO, Storecast GmbH

✉ guillaume.garnier@storecast.com

### Aaron Winn

@ Head Of Technology at Immobilien-Scout24

✉ aaron.winn@gmail.com