ABHAY PANDEY

Technical Lead

pandeyabhay443@gmail.com | 9967319400 | Mumbai

Linkedin | HackerRank | GitHub | Portfolio

EDUCATION

University of Mumbai	Mumbai - Kalina Campus
Masters in Computer Applications	2016 - 2021
National Institute of Information and Technology	Mumbai
Computers Diploma	2013 - 2016

EXPERIENCE

Kissht India Pvt Ltd | Technical Lead   Mumbai | November 2020 - Present

- **Developed and optimized high-performance** React Native applications, serving **8M+ users**, ensuring seamless scalability and a superior user experience.
- **Architected and implemented scalable** solutions for mobile and web applications, enhancing user experience and system reliability.
- Engineered native libraries to streamline **Android-to-React Native migration**, reducing development time and improving maintainability.
- Led the **migration of 5+ apps** from Android Native to React Native, enhancing agility and product delivery timelines.
- Designed and deployed RESTful APIs using **Python, Flask, and Django**, ensuring seamless data flow and high backend efficiency.
- Contributed to **backend development** in Golang, enhancing API performance and optimizing data processing.
- Ensured **compliance with regulatory audits (RBI, ICICI, SBM, AXIS, IRDAI, POONAWALA FINCORP, MAS, VAPT)** by implementing secure, scalable, and compliant solutions.
- Led **cross-functional teams**, fostering a collaborative environment and aligning development with business objectives.
- Conducted **business demos** and **client meetings**, collaborating with third-party providers to showcase products and align technical capabilities with business needs.

Accenture India Pvt Ltd | Sr Web Developer   Mumbai | May 2020 - September 2020

- Developed **microservices using Flask**, improving software flexibility and responsiveness.
- **Upgraded legacy applications from Python 2.x to 3.x**, enhancing performance, scalability, and cloud compatibility.
- Implemented **best coding practices**, increasing code maintainability and project efficiency.
- Authored **comprehensive documentation**, improving project management and knowledge sharing.
- Optimized system performance by **resolving bottlenecks, improving supportability**, and enhancing application reliability.
- **Mentored junior engineers**, fostering skill development and enhancing team productivity.

Here Maps India Pvt Ltd | Data Specialist   Mumbai | January 2017 - April 2020

- Automated data processing pipelines, **saving 20,000+ hours**, improving operational efficiency and accuracy.
- Developed **Django-based applications**, ensuring high-performance data handling and scalability.
- Implemented **ML-ready data cleaning logic**, improving data integrity for analytics and machine learning models.
- Created **Unix scripts for data wrangling**, optimizing processing workflows.
- Utilized **AWS, Pandas, GitHub, and JavaScript** to develop scalable, reliable solutions.

SKILLS

Programming Languages:	Javascript, Python, GoLang
Libraries/Frameworks:	React Native, Django, Flask, Redux, Codepush, Redis, Docker, SDK Integrations, Native Modules, React, REST APIs

Tools / Platforms:	Confluence, Kibana, ELK, Sentry, Bugsnag, User Experior, MS Clarity, Appsflyer, Mixpanel, AWS, HyperVerge, Tableau, Datadog, Code Pipeline, Gitub, Bitbucket, Play Console, HTTP Toolkit, Grafana, Flagsmith, Gitlab, Percept Insight, Firebase
Databases:	MYSQL, MongoDB, PostgreSQL

PROJECTS / OPEN-SOURCE

Fintech Loan Journeys *React Native, Android, Native Modules*
- **Engineered Loan Journey, BBPS, SBM cards, KYC flow, VCIP, Digilocker, ReKYC**, enhancing customer onboarding with Magic onboarding.
- **Site Reliability Engineering**: Ensured high availability, scalability, and system reliability through proactive monitoring and automation.
- **Security & VAPT**: Strengthened application security by conducting Vulnerability Assessment & Penetration Testing (VAPT) and implementing secure coding practices.

Device Data Shield Service | Link *Javascript, Native Modules, SDK, NPM*
- Device Shield is a robust solution designed to detect fraudulent or risky devices accessing the service.
- The **Device Data API** is a collection of RESTful endpoints enabling the creation, retrieval, updating, and validation of device-related information.
- It **empowers businesses** to identify and filter out **untrusted or high-risk customers** effectively.
- With the ability to **perform over 30 checks on a device in under one second**, it delivers **exceptional speed and efficiency**.

Image Recognition with Realtime Geocoding | Link *Python, Flask, IBM Watson*
- **Image based search** on Here Maps to locate nearby options matching to the searched image type
- Detects the image and understand the **nature of the search**
- Uses **Image Detection Model** from **IBM Watson**.

E-Doc Service | Link *Python, Flask, Textrack, HyerVerge*
Created a **document storage solution** with **liveness match** using selfies and text OCR for document processing.

CERTIFICATIONS

- AWS ML Scholarship - **Udacity**

HONORS & AWARDS

- Patent Filed: International patent in software engineering and optimization (US): https://patents.google.com/patent/US20200363231A1/en?inventor=Abhay+Bipin+PANDEY&assignee=HERE+Global+B
- Case Study Featured: Microsoft Clarity: https://clarity.microsoft.com/case-studies/kissht/
- Scaled applications to 10M+ users, optimizing performance and security
- Implemented Fintech solutions, ensuring compliance with RBI, ICICI, SBM, and regulatory frameworks
- Engineering Employee Award
- GCO Mumbai Pioneers Award
- HERENXT Innovations Award
- GCO Mumbai Rising Star Award
- Runner Ups of PCMC Hackathon 2020