

 London

# POOJA MAHAPATRA

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<https://www.poojamahapatra.tech/>

## AI Assisted Projects

### *City Bites - Personal Restaurant Recommendation Website*

- Built and shipped a full-stack personal restaurant recommendation website, taking a raw Google Maps Takeout CSV of 106 personal picks to a fully animated searchable, site.
- Used AI-assisted workflows with structured evals to iterate, build & ship fast.
- Reached 80 visitors within 24 hours of launch.

### *WithSpaces - Social Wellness App*

- Building a social wellness product focused on intentional living and softer routines.
- Designed and shipped the waitlist experience
- Grew to 23+ early waitlist users

**Software Engineer**

**Expedia Group**

**Oct 2022 - Dec 2025**

## Search Relevance & Ranking

- Partnered with PMs and data scientists to gather requirements, define ranking features, and translate business needs into scalable backend services ingesting millions of events/day.
- Developed Spark ML pipelines for training and scoring search ranking models at scale.
- Reduced pipeline runtime from 15 hours to 2 hours by introducing Databricks Workflows for parallelized jobs.
- Collaborated with PMs and Ads stakeholders to gather requirements and integrate Travel Ads into the ranking backend, enabling dynamic ad serving based on real-time placement logic and business constraints.

**Software Engineer**

**Zalando**

**Nov 2020 - Feb 2022**

- Implemented feature engineering pipelines to transform defined fraud features into backend signals consumed by risk models for real-time fraud scoring.
- Designed and implemented APIs and scaled backend systems handling 250M+ orders and payments, ensuring reliability and fast fraud checks under heavy traffic.

**Software Engineer**

**Expedia Group (Hotels.com)**

**April 2019 - Jan 2020**

- Designed and developed APIs for personalized pricing and booking functionality.
- Implemented observability infrastructure by automating service-level metrics pipelines and building Grafana dashboards, enabling real-time monitoring of service reliability, latency, and error rates.

**Software Engineer**                      **Profectus Solutions(Startup)**                      **June 2017 - Mar 2019**

- Led a pricing intelligence platform from 0→1, used by retail businesses for data-driven pricing decisions, owning product, engineering, and delivery end-to-end.
- Managed and scaled two teams (8 engineers) to ship authentication, forecasting, and pricing microservices with well-defined APIs.

**Software Engineer**                      **Infosys Ltd.**                      **Oct 2015 - May 2017**

- Contributed to Apple's Concierge Mobile Analytics platform by developing and maintaining REST APIs with Kafka-based event streaming.

#### **EDUCATION**

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**Odisha, India**                      **National Institute Of Science And Technology**                      **Sept 2011 - May 2015**

- B.Tech. in Computer Science Engineering CGPA: 8.34

#### **TECHNICAL SKILLS & OTHER EXPERIENCE**

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- Teacher Assistant (2014): Assisted in conducting seminars and coding workshops.
- Tools & Technologies: JAVA, Python, SQL, AWS, Kafka, Kubernetes, Spark, Databricks, PyTorch, Vercel, Supabase
- LLMs: Codex, Claude Code, Github CoPilot, Lovable