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Front-end engineering · Data visualisation

Software engineer working across the stack on data-heavy products from the interface down: visualisations and front ends that make complex information useful, the services and data pipelines behind them, and the cloud platforms they run on.

Experience

Archon Tech / Senior Front-end Engineer

Nov 2025 – Present · Copenhagen, Denmark

Software engineer on a real-time on-chain data-ingestion and DeFi risk-verification platform, working across Go, Python and TypeScript: the time-series ingestion and risk-model serving layers, the React dashboard on top of them, and the AWS/Kubernetes observability stack underneath.

- Created STL's React front end to explore on-chain allocations, risk capital and differences between platform and protocol figures.
- Designed UIkit, a shared React toolkit of 17 packages (15 published), now used across all Archon products, prototypes and concepts.

Edge Delta / Senior Front-end Engineer

Apr 2023 – Oct 2025 · Copenhagen, Denmark

Worked on Edge Delta's observability product, where engineers explore metrics, configure monitors and investigate dependencies across their services.

- Led a seven-person migration of Edge Delta's observability product from Angular to a standalone React/Vite app.
- Delivered features for exploring metrics, configuring monitors and understanding service dependencies across Metrics Explorer, dashboards, monitors and Service Map.
- Cut entry bundle 31.8% (2,309 to 1,574 kB) while tightening performance and bundle boundaries.
- Replaced ~100 hand-maintained API models with generated Go-to-TypeScript schemas and enforced drift checks in CI.

Churney / Lead Front-end Developer

Oct 2022 – Feb 2023 · Copenhagen, Denmark

Built an early-stage machine-learning platform and client dashboard for accessing models and insights, along with embeddable visualisations for product marketing.

- Established the web platform and client dashboard with the founders, giving clients self-service access to their models and insights.
- Created embeddable interactive visualisations for marketing and outreach.

DataRobot / Senior Front-end Developer

May 2019 – Sept 2022 · Copenhagen, Denmark

Developed interfaces for spatial exploration, recurring batch predictions and model monitoring in DataRobot's machine-learning platform.

- Introduced Location AI's first geospatial visualisations, selecting and integrating the mapping stack into the EDA and modelling platform.
- Implemented job definitions so customers could save batch prediction jobs as templates and run them on demand or on a schedule across supported sources and destinations, with

in-form validation and run-time error tracing.

- Added MLOps charts for investigating feature-level data drift over time.

Leapcraft / Data Visualisation & Full-stack Development

Jan 2015 – Apr 2019 · Copenhagen, Denmark

Developed corporate-travel visualisations and cloud services for real-time building data.

- Created D3, Leaflet and Highcharts dashboards, including Flight Sense for travel managers to compare busy routes, airports and airlines.
- Led AWS data ingestion and model execution for real-time sensor data, calibration and machine-learning services.

Freelance / Creative Technologist

Jan 2013 – Dec 2014 · Copenhagen, Denmark

Data visualisation and UX consulting for Leapcraft, KL7 and Kirt Thomsen.

HITLabNZ / Research Assistant

Sept 2011 – Dec 2011 · Christchurch, New Zealand

Augmented reality research and visual design on the Android platform.

Tools & Frameworks

- Languages · TypeScript · Python · Go
- Front-end · React · Next.js · Vitest
- State · TanStack · Zustand · Redux
- Visualisation · D3 · visx · Deck.gl · eCharts · Highcharts
- Component libraries · Storybook · Chromatic · Ladle
- Backends · Hono · Node.js · FastAPI
- CI/CD · GitHub Actions · CircleCI · Jenkins · Docker · Kubernetes · Terraform
- Agentic/LLM · Plugins, Agents & Skills for Claude Code & other CLIs via marketplaces.
- Observability · LangSmith · Grafana

Education

CIID / Interaction Design Programme

Jan 2012 – Dec 2012 · Copenhagen, Denmark

Interaction and Service Design

Department of Design at the Indian Institute of Technology Guwahati / Bachelor of Design

Jul 2007 – May 2011 · Guwahati, India

Industrial and Interaction Design, Usability and Ergonomics Research

Awards & Features

Finalist at IXDA Interaction Awards 2013

LaunchPad Denmark 2013 Startup Capital Competition Winner

Published and showcased at IndiaHCI 2011

Data analytics methods for spatial data, and related systems and devices (patent pending)