

Manish M. Shivanandhan

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Full stack developer and Machine Learning Engineer with 7 years of experience deploying highly scalable architectures for organizations including WHO and Lexis Nexis. Skilled in writing RESTful APIs, Microservices and Serverless applications using AWS Lambda.

SKILLS

Node.js, React.js, React Native, Python, Golang, Tensorflow, Keras, MongoDB, Mysql, Elasticsearch, PHP, Jest, Redux, Agile methodologies, RESTful APIs, Microservices, Express.js, Redis.

EXPERIENCES

Senior Software Engineer

Apr 2019 - Present

- The Hub suite of tools uses the power of artificial intelligence to deliver products that help organizations make data-driven decisions.
 - KYD: AI-powered one-stop solution for personnel behavioral analytics to prevent internal security threats.
 - DeriveData: Continuously monitors unstructured data from the web and converts it into structured data served via a RESTful interface.
 - Reactions Studio: One stop content publishing platform for mobile devices.
 - SparkELF: Information marketplace that delivers custom streams of news feeds based on complex queries.

Independent Consultant

Nov 2018 - March 2019 (5 months)

- Built an automobile management system which enabled a client in Dubai to manage his automobile inventory.
- Deployed a serverless API which plugged into the client's social media channels and fetched the feed into a custom dashboard.
- Managed a client's DevOps architecture on AWS which comprised of servers and services used by 100+ engineers.

Software Architect - [Verdiq](#)

Sep 2017 - Nov 2018 (1 year, 1 month)

- Built an AI-based public opinion aggregator with a team that went to Harvard and Princeton.

- Helped with product growth through content creation and digital marketing.

Software Engineer — [Adappt](#)

Sep 2014 - Sep 2017 (3 Years, 1 month)

- Built the backend architecture and machine learning model for Reactions (<https://reactions.ai/>), a platform used by banks and top agencies in the United Kingdom and the US for internal security auditing.
- Built a sentiment analysis platform for the US elections which consumed Twitter data and predicted the winning score of candidates based on the measure of their overall influence over time.
- Built the backend architecture of a web scraping tool that crawled millions of pages every day and converted them into RESTful APIs.
- Worked on the GOARN project (https://www.who.int/ihr/alert_and_response/outbreak-network/en/) along with a world-class team for the World Health Organisation.
- Led a team of engineers who worked on the data aggregation products which converted unstructured data from the web into a structured RESTful API.

Software Consultant — [Upwork](#)

Mar 2014 - Sep 2014 (1 Year, 7 months)

- Built the MVP for a startup called Testreach (<https://www.testreach.com/>) which enabled them to get funding and grow into one of the major education platforms in Australia.
- Built the Node.js API of Kettle (<https://kettle.io/>) for WordPress to WordPress content sharing which enabled publishers to sell space for advertisers.
- Worked with Senior developers at the Reach Media Group, a network of web portals that provided instant payday loans to customers after a web-based credit assessment.

REFERENCES

- [Nicholas Manske](#) - Founder, Verdiq, Boston
- [Joyce Zhang](#) - Founder, Alariss, Boston
- [Juned Jable](#) - Director, Adappt Ltd, London.