

Abhishek Kumar

+91 9911 848 379
abhishek@a6k.me a6k.me

Education

Stanford School of Engineering <i>Artificial Intelligence Graduate Certificate</i> <ul style="list-style-type: none">Relevant Coursework: Machine Learning, Deep Learning for Computer Vision, Natural Language Processing with Deep Learning	2023-2024
Indian Institute of Technology, Delhi <i>Computer Science and Engineering</i> <ul style="list-style-type: none">Relevant Coursework: Data Structures, Design of Algorithms, Computer Networks, Database Systems, Linear Algebra, Probability and Statistics	2009-2013

Experience

PushOwl (Acquired by Brevo) <i>Chief Technology Officer</i> <ul style="list-style-type: none">Transitioned platform from Heroku to Kubernetes, slashing infrastructure costs significantlyIntegrated Kafka and KSQL Stream for real-time analytics, boosting system efficiency and scalabilityDeveloped hiring and onboarding frameworks to expand the engineering team effectivelyEnhanced system reliability to sustain up to 700% load increase during peak periods like BFCM	August 2019 - Feb 2023 Bengaluru, India
Fibe (Previously EarlySalary) <i>VP of Engineering</i> <ul style="list-style-type: none">Led the migration of databases to a multi-node cluster, enhancing system performance and scalability	December 2018 - Jun 2019 Pune, India
Credifable <i>Chief Technology Officer</i> <ul style="list-style-type: none">Created a consumer lending platform with seamless integration with Credit Bureaus for automated credit reportingDeveloped a customer portal and a comprehensive back-office management portal	June 2016 - December 2018 Bengaluru, India
Greymeter <i>CoFounder, Full Stack Developer</i> <ul style="list-style-type: none">Built and launched a social platform linking undergraduates with internshipsPartnered with colleges across the NCR to expand user base and increase platform engagement	April 2015 - May 2016 Noida, India

Projects

Generating Synthetic CXRs with Generative Modeling PyTorch, CNN, GAN, VAE <ul style="list-style-type: none">Utilized Variational Auto Encoders and Generative Adversarial Networks to create synthetic chest X-ray images for research and educational purposes	April - June, 2024
Projected Attention Layers in BERT PyTorch, Large Language Models, Transformers <ul style="list-style-type: none">Enhanced the BERT architecture with Projected Attention LayersImproved the accuracy in 3 NLU (Natural Language Understanding) tasks - Sentiment Analysis, Paraphrase Detection and Semantic Textual Similarity compared to BERT baseline by finetuning the PAL architecture	April - June, 2024

Cover Letter

Hi There,

Are you looking to harness the valuable data your business accumulates to drive key metrics, but unsure how to effectively utilize it? I specialize in offering both hands-on and strategic consulting services to transform your data into tangible business value.

If you have any questions or wish to discuss how I can assist in realizing your vision, please do not hesitate to contact me at abhishek@a6k.me. For a more direct conversation, feel free to schedule a 30-minute consultation through my Calendly: [[Schedule a Meeting](#)].

I look forward to working with you.

Thanks,
Abhishek.