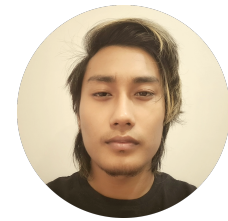# Akash Phukan

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Jorhat, ASSAM

EXPERIENCE

- META Senior Software Engineer - San Fransisco, CACo-designer and co-implementor of five successive generations of Google's crawling indexing and query retrieval systems.August 1999 onwards

- Old FACEBOOK Senior Member of Technical Staff TexasDesigner and implementor of a system for retrieving and caching electronic commerce content including a crawler and custom full-text indexing system that allows flexible keyword searching of product information.February 1999 to August 1999

EDUCATION

- Ph.D. Computer ScienceUniversity of Washington1996

- B.S. Computer Engineering, CGPA: 3.6/4University of Minnesota1990

AWARDS & RECOGNITION

- Fake Academy FellowFake Academy of Arts and Sciences2016

- Elon Musk AwardState of Engineering2012

- ACM FellowAssociation for Computing Machinery2009

SKILLS

- **Technologies**
  Golang, Python, C++, Tensorflow, Spanner, Bigtable, MapReduce, Google Cloud Platform, Protocol Buffers

- **Patterns & Practices**
  Object Oriented Programming, Functional Programming, CI & CD, Microservices

- **Project Management**
  Agile, Scrum, Google Bug Tracker, Google Workspace

PROJECTS

- Tensorflow [tensorflow.org]An open-source machine-learning software libraryC++, Python, Bash

- LevelDB [github.com/google/leveldb]An open-source on-disk key-value storeC++

- Spanner [google.com/spanner]A scalable, multi-version, globally distributed, and synchronously replicated databaseC++, Java, Bash

OTHER HIGHLIGHTS

- Gave talk on *Achieving Rapid Response Times in Large Online Services* at Berkeley AMPLab Cloud.

- Led several teams across infrastructure, founded *Google Brain* and was involved in hiring process.

HOBBIES & INTERESTS

UI/UX   Problem Solving   Healthcare   Open Source