
Path to Senior Engineer handbook

This repo has all the resources you need to reach Senior Software Engineer!

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Newsletters

General software engineer growth

- High Growth Engineer
- The Developing Dev
- Level up software engineering
- Engineer's Codex
- Coding Challenges
- EcZachly Data Engineering Newsletter
- Techlead Mentor
- The Caring Techie
- Refactoring
- Strategize Your Career
- Saiyan Growth Letter
- Software Design: Tidy First?
- Dev Interrupted
- Exaltitude Career Growth
- A Life Engineered

Staying up-to-date

- The Pragmatic Engineer
- TLDR
- Pointer.io
- Changelog News
- Hungry Minds

Frameworks and smart thinking

- Wes Kao's Newsletter
- Alex Brogan frameworks

System design

- System Design Newsletter
- Quastor
- ByteByteGo Newsletter
- Byte-Sized Design
- The Polymathic Engineer

Reliability Engineering

- SRE Weekly
- Platform Engineering Weekly
- Alex Ewerlöf Notes/SRE

Leadership

- The Hybrid Hacker
- Leading Developers
- Engineering Leadership
- Addy Osmani (RSS Link)
- Irrational Exuberance

Web-dev specific

- TLDR Web Dev
- Frontend Focus
- Frontend Engineering
- Smashing Magazine
- Kent C Dodds
- Josh Comeau (RSS Link)
- Friday Front-end
- CSS Weekly
- Bytes.dev

Books

Communication, writing, relationships

- Crucial conversations
- Smart Brevity
- The Fine Art of Small Talk
- 92 ways to talk to anyone
- Connect: Building exceptional relationships with family, friends, and colleagues
- What got you here won't get you there
- Communication for Engineers
- Thanks for the Feedback
- Just Listen: Discover the secret to getting through to absolutely anyone
- Simply Said: Communicating better at work and beyond
- Crucial influence
- Radical candor
- Engineering management for the rest of us
- Crucial accountability
- It was the best of sentences, it was the worst of sentences
- On writing well
- The Insider's Guide to Technical Writing

Storytelling

- Storyworthy

Career growth and promotions

- Omar Halabieh 90-day career blueprint
- Get Promoted
- StaffEng.com – Stories of reaching Staff-plus engineering roles

Engineering

- A philosophy of software design
- Web scalability for startup engineers
- Collection - Grady Booch, Software architecture/design books

Software Engineer Overall

- Software Engineer's Guidebook
- Engineers Survival Guide
- The Coding Career Handbook
- Coders at Work: Reflections on the Craft of Programming

System Design

- Front End System Design Guidebook
- Awesome Front End System Design

Leadership

- The Manager's Path
- Staff Engineer: Leadership beyond the management track
- The Staff Engineer's Path
- The Coaching Habit
- The Advice Trap
- The making of a manager

Persuasion & influence

- Influence: The psychology of persuasion
- Yes - 50 scientifically proven ways to be persuasive

Productivity

- The productivity project
- Make time

User experience

- Don't make me think
- Refactoring UI

Thinking smarter

- Clear thinking
- Thinking fast and slow
- Super thinking: The big book of mental models
- The art of thinking clearly
- Thinking in systems

Courses

Top Courses

- Mid-level to Senior Course by Jordan Cutler
- Speedrun to Promotion by Steve Huynh
- Josh Comeau CSS course
- Josh Comeau React course
- Kent C Dodds Epic React
- Kent C Dodds Epic Web
- Bob Ziroll Learn React for Free
- Google Technical Writing

Recommended Websites

- Frontendmasters subscription
- Udemy courses
- Educative subscription
- Pluralsight courses

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- Udacity courses
 - Coursera courses
 - LinkedIn Learning
 - Future Learn
 - edX
 - Microsoft Learn
 - GreatFrontEnd
 - Scrimba interactive courses
 - KodeKloud
 - Hyperskill

Papers

- Dynamo: Amazon's Highly Available Key-value Store
- MapReduce: Simplified Data Processing on Large Clusters
- The Google File System
- Bigtable: A Distributed Storage System for Structured Data
- Spanner: Google's Globally Distributed Database
- Cassandra - A Decentralized Structured Storage System

YouTube

Broad news and opinions in tech

- Theo - t3.gg
- Fireship
- ThePrimeTime / Primeagen

Senior+ Soft skills

- A Life Engineered - Steve Huynh
- Exaltitude Career Growth
- LeadDev
- Lenny's Podcast
- Charisma on Command

Frontend/CSS tips and tricks

- Kevin Powell
- Web Dev Simplified
- Matt Pocock (Typescript)
- Sam Selikoff

Productivity, side income, and personal growth

- Ali Abdaal
- Jeff Su
- Thomas Frank
- Matt D'Avella
- Clark Kegley

Podcasts

- Soft skills Podcast
- Staff Eng Podcast
- Frontend First Podcast
- The Changelog Podcast
- The Scrimba Podcast
- Developing Leadership
- John Maxwell Leadership Podcast

Communities

- Taro
- Exaltitude Engineering Leadership Community
- Small Bets Community
- Theo - T3
- Frontend Mentor
- Kent C. Dodds Discord Community
- Changelog Community
- Scrimba Discord Community
- ladderly.io
- Rands Leadership Community (Slack)

LinkedIn

- Jordan Cutler
- Gregor Ojstersek
- Gergely Orosz
- Nicola Ballotta
- Alex Chiou
- Rahul Pandey
- Caleb Mellas
- John Crickett
- Ryan Peterman
- Alex Xu
- Zach Wilson
- Wes Kao
- Omar Halabieh
- Raviraj Achar
- Irina Stanescu
- Richard Donovan
- Luca Rossi
- Anton Zaides
- Neo Kim
- Dallan Asnes
- Tiger Abrodi
- Daniel Moka
- Mads Brodt
- James Willett
- Anemari Fiser
- Mike Thornton
- Dariusz Sadowski
- Adrian Stanek
- Steven Syrek
- Doug Howard
- Casey Dai
- Petar Ivanov
- Alex Kliotzkin
- Nordine Hadi
- Yangshun Tay
- David Anderson

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- Alexandre Zajac
 - Jean Lee

Platforms

Interview Prep

Coding

- Leetcode
- Neetcode
- PyPup

Mock Interviews

- Pramp
- Hello Interview
- Interviewing IO
- IGotAnOffer
- MeetAPro

Other Catalogs

- Software Engineer's Library
- 16x Engineer