

MCP Setup — Model Context Protocol

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Posljednje ažuriranje: 2026-03-06 **Analiza:** John (2 agenta, ~130K tokena)

Šta je MCP

Model Context Protocol (MCP) omogućava Claude Code-u da direktno poziva servise kao native alate (`mcp__server__tool`), bez potrebe za CLI spawnom ili Bash komandama. Rezultat: brže izvršavanje, manje kontekstnog zagađenja, native integracija.

Ekosistem: 1200+ servera na registry.modelcontextprotocol.io (mart 2026).

Trenutna Konfiguracija (`~/ .claude/mcp.json`)

9 Aktivnih MCP Servera

Server	Tip	Komanda	Svrha
email	Custom	<code>node email-mcp-bridge-v2.js</code>	IMAP/SMTP za 5 accounta (john, info, alai, alem, dev)
rag	Custom	<code>node rag-mcp.js</code>	RAG cache + Ollama routing (10K+ entries, 61% hit rate)

Server	Tip	Komanda	Svrha
figma	Custom wrapper	figma-mcp-wrapper.sh	Figma API + Vaultwarden credential injection
youtube-transcript	Community	npx @fabriqa.ai/youtube-transcript-mcp	YouTube transcript ekstrakcija
github	Official binary	github-mcp-server stdio	GitHub PR/issues/repos/workflows (v0.31.0, Homebrew)
slack	Community	npx mcp-server-slack	Slack read/send (workspace: alai-talk, T0AELHU0E13)
postgres-drop	Community	npx postgres-mcp	SQL nad Drop dev DB (port 5433)
postgres-plock	Community	npx postgres-mcp	SQL nad Plock dev DB (port 5432)
fiken	Custom (John)	node fiken-mcp.js	11 Fiken alata — invoices, contacts, balances, dashboard

Uklonjen (2026-03-06): playwright — zamijenjen CLI-jem (po Alemovom zahtjevu).

Dostupni Alati po Serveru

mcp__email__*

- emails_find — pretraga emailova
- email_send — slanje
- email_respond — reply/forward
- emails_modify — mark/flag/archive
- folders_list — lista foldera

mcp__rag__*

- rag_query — semantic search (cache + Ollama fallback)
- rag_learn — dodavanje Q&A parova
- rag_stats — statistike cache-a

mcp__github__*

- create_or_update_file, create_repository, create_branch

- `get_file_contents`, `list_commits`, `list_branches`
- `create_pull_request`, `merge_pull_request`, `get_pull_request`
- `create_issue`, `list_issues`, `update_issue`, `add_issue_comment`
- `search_repositories`, `search_code`, `search_issues`
- `create_review`, `request_reviewers`

mcp__slack__*

- `list_channels`, `post_message`, `reply_to_thread`
- `get_channel_history`, `get_thread_replies`
- `search_messages`, `add_reaction`

mcp__postgres-drop__* / mcp__postgres-plock__*

- `query` — SQL query
- `list_tables` — lista tabela
- `describe_table` — schema tabele

mcp__fiken__*

- `fiken_status` — API health check
- `fiken_dashboard` — CEO finansijski pregled
- `fiken_invoices_list` — lista faktura
- `fiken_invoices_show` — detalji fakture
- `fiken_invoices_sync` — sync → local DB
- `fiken_contacts_list` — lista kontakata
- `fiken_contacts_show` — detalji kontakta
- `fiken_contacts_sync` — sync → local DB
- `fiken_balances` — bankovni salda
- `fiken_transactions_list` — transakcije (--days N)
- `fiken_reconcile` — auto-match transakcija (--dry-run)

Arhitektura — 3-Tier Model

Tier 1: MCP Tools (Claude Code native)

└─ `mcp_email__*`, `mcp_rag__*`, `mcp_github__*`, `mcp_slack__*`, `mcp_postgres-*__*`,
`mcp_fiken__*`

Tier 2: CLI Fallback (daemons i agenti bez Claude Code)

└─ mail-native.js, rag-router.js, slack.js, fiken.js

Tier 3: Orchestration Layer

└─ email-mcp-bridge-v2.js, rag-mcp.js, fiken-mcp.js (wrappuju Tier 2)

Pravilo: MCP u Claude Code sesijama. CLI u daemon/cron/background procesima.

Credentials

Server	Metod	Lokacija
email	ENV var u mcp.json	direktno
github	ENV var <code>GITHUB_PERSONAL_ACCESS_TOKEN</code>	mcp.json
slack	ENV var <code>SLACK_BOT_TOKEN</code>	mcp.json
figma	Vaultwarden injection	figma-mcp-wrapper.sh
fiken	Vaultwarden (live fetch)	fiken.js → vault.js
postgres	Connection URL	mcp.json args

MCP Roadmap — Interni Build Plan

Analiza: 12 kritičnih business toolsa | **Ukupan effort:** ~10.5h | **Ušteda:** 60+ h/god

Faza 1 — Foundation (5h, ODMAH)

MCP Server	Baziran na	Effort	ROI	Zašto first
mc-mcp	mc.js (117K, 200+ ops/week)	2h	██████	Svaka sesija; task automation backbone
hivemind-mcp	hivemind.js (10K+ entries, 50+ ops/week)	2h	██████	Memory = kognitivna osnova; 80% brže
ceo-briefing-mcp	ceo-briefing.js (1-2x/sesiji)	1h	████	Quick win; parameterizable intelligence

Faza 2 — Revenue & Ops (5.5h)

MCP Server	Baziran na	Effort	ROI	Impact
sales-pipeline-mcp	sales-pipeline.js + leads.db	2.5h	████	Deal updates during client conversations
invoice-mcp	invoice-generator.js (48K) + invoices.db	3h	████	Weekly workflow; VAT logic complexity
contacts-mcp	contacts.js + contacts.db (100+ kontakata)	1.5h	████	Fast CRM search bez CLI spawna

Faza 3 — Enablers (opcionalno, inkrement.)

MCP Server	Effort	Napomena
contract-mcp	2h	CRUD + renewal automation
proposal-mcp	2.5h	PDF generation za klijente
email-briefing-mcp	1h	ZAKON #17 — unification
signing-mcp	1.5h	Documenso one-command flow
tenders-mcp	2h	On-demand tender search
facts-mcp	1h	ZAKON #16 — decision persistence

Productivity Impact

Tool	CLI ops/week	Ušteda/op	Sedmično
mc.js	200+	450ms	25+ min
hivemind.js	50+	370ms	15+ min
sales-pipeline.js	30+	410ms	12 min
invoice-generator.js	20+	540ms	10 min
UKUPNO	300+	—	~1h/sedmično

Godišnje: 60+ sati za Alema (30% Claude Code sesija)

Community Alternativa: NEMA

Nijedan community MCP ne pokriva ALAI-specifičnu integraciju (branding, ZAKON enforcement, decision logging, memory model). Sve custom.

Što SE NE?E buildati

MCP Server	Razlog
bookstack-mcp	bookstack-sync.js + CLI dovoljan; rijetko se koristi live
sanity-mcp	Tek kad product CMS dođe u produkciju
vercel-mcp	Nema official MCP; gh CLI dovoljan
calendar-mcp	Baikal CalDAV, nizak prioritet

Community Serveri koji NISU dodani (evaluirani, rejected)

Server	Razlog odbijanja
@modelcontextprotocol/server-github	DEPRECATED — zamijenjen official github-mcp-server
@modelcontextprotocol/server-postgres	DEPRECATED — zamijenjen postgres-mcp
@korotovskyy/slack-mcp-server	Nije na npm; mcp-server-slack dovoljan
Kubernetes MCP	Nema Kubernetes infrastrukture trenutno
AWS CloudWatch MCP	Nema AWS deployova trenutno
Notion MCP	Ne koristimo Notion

Fajlovi

- **MCP Config:** ~/.claude/mcp.json
- **Email MCP:** ~/system/tools/email-mcp-bridge-v2.js
- **RAG MCP:** ~/system/tools/rag-mcp.js
- **Fiken MCP:** ~/system/tools/fiken-mcp.js ← novi
- **Figma wrapper:** ~/system/tools/figma-mcp-wrapper.sh
- **GitHub binary:** /opt/homebrew/bin/github-mcp-server (v0.31.0)